					ST DEPARTMENT DIVISION C		JRAL RESO			AMEN	FC IDED REPOR	RM 3		
		AF	PLICATION	FOR PER	RMIT TO DRILL				1. WELL NAME	and NUMBER Three Rivers Fo	ederal 35-4	4-720		
2. TYPE O	F WORK	DRILL NEW WELL	REEN	TER P&A WE	FII DEEPEN	N WELL	<u> </u>		3. FIELD OR WILDCAT UNDESIGNATED					
4. TYPE O	F WELL					***************************************			5. UNIT or CO	5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME C	OF OPERATOR	O	il Well		lethane Well: NO				7. OPERATOR PHONE 720 746-5200					
8. ADDRE	SS OF OPERAT			IA ENERGY					9. OPERATOR	E-MAIL				
	AL LEASE NUM	BER	130 Larimer S		nver, CO, 80202 MINERAL OWNERS	SHIP			rsatre@axiaenergy.com 12. SURFACE OWNERSHIP					
(FEDERAL	., INDIAN, OR S	TATE) UTU-88623		F	FEDERAL 🗓 INC	DIAN 🔵	STATE () FEE	FEDERAL (III) INDIAN	STATE	F	EE 🔵	
13. NAME	OF SURFACE	OWNER (if box 12 :	= 'fee')						14. SURFACE	OWNER PHONE	(if box 12	= 'fee')		
15. ADDR	ESS OF SURFA		16. SURFACE	OWNER E-MAII	L (if box 12	! = 'fee')								
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') 18. INTEND TO COMMII MULTIPLE FORMATION YES (Submit Co							ODUCTION	-	19. SLANT	DIRECTION	AL 🗓 H	HORIZON	ΓAL 💮	
20. LOCATION OF WELL					AGES	QTR	-QTR	SECTION	TOWNSH	IIP R	ANGE	МЕ	ERIDIAN	
LOCATIO	N AT SURFACE			1581 FSL :	2496 FEL	NW	VSE	35	7.0 S	2	0.0 E		S	
Top of U	ppermost Prod	ucing Zone		1584 FSL :	2204 FEL	NW	VSE	35	7.0 S	2	0.0 E		S	
At Total	Depth			1584 FSL :	2204 FEL	NW	VSE	35	7.0 S	2	0.0 E		S	
21. COUN	TY	UINTAH		22.	DISTANCE TO NEA	AREST LEA		et)	23. NUMBER C	F ACRES IN DR	ILLING UN	IT		
					DISTANCE TO NEA			POOL	26. PROPOSEI		TVD: 892	.7		
27. ELEV	ATION - GROUN	ID LEVEL 4823		28.	BOND NUMBER	LPM904	6683			F DRILLING WAS APPROVAL NU 49-2262 - RNI	JMBER IF A		LE	
			7	7	Hole, Casing	g, and Ce	ment Infor	mation						
String	Hole Size	Casing Size	Length	Weigh	t Grade & Th	hread	Max Mud	Wt.	Cemen		Sacks	Yield	Weight	
Surf	11	8.625	0 - 900	32.0	J-55 LT8	&C	8.7	Pre	mium Lite Hig	h Strength	70	2.97	11.5	
Prod	7.875	5.5	0 - 8942	17.0	N-80 LT	8.0	9.2	Dra	Class G emium Lite Hig	h Stronath	115 570	2.31	15.8	
FIOU	7.073	3.3	0 - 8942	17.0	14-00 E1	ac	9.2	FIG	ennum Eite riig		370	2.31	12.0	
					Α	ATTACHM	IENTS							
	VER	IFY THE FOLLO	WING ARE	ATTACHE	D IN ACCORDAN	NCE WITH	H THE UTAI	H OIL AND GA	S CONSERVA	TION GENERA	L RULES			
w w	ELL PLAT OR M	AP PREPARED BY I	LICENSED SU	RVEYOR OF	R ENGINEER		COMPLETE DRILLING PLAN							
AF	FIDAVIT OF STA	ATUS OF SURFACE	OWNER AGR	EEMENT (IF	FEE SURFACE)	1	FORM	5. IF OPERATOR	IS OTHER THAN	THE LEASE OV	VNER			
I DIF	RECTIONAL SU	RVEY PLAN (IF DIR	ECTIONALLY	OR HORIZ	ONTALLY DRILLED	D) [г тороо	RAPHICAL MAF						
NAME Don Hamilton TITLE Permitting Agent (Buys & Associ							ates, Inc)			PHONE 435 7	19-2018			
SIGNATU	IRE			DATE 07/	/26/2012					EMAIL starpoi	nt@etv.net			
	ber assigned 047530080	0000		APPROVA	AL			Bol	REJÜÜ	•				
Permit .														

DRILLING PLAN

Axia Energy, LLC
Three Rivers Project
Three Rivers Federal #35-44-720
NESW Sec 35 T7S R20E
Uintah County, Utah

1. ESTIMATED FORMATION TOPS

FORMATI	ON	TOP (TVD)	COMMENTS
Uinta		Surface	Gas & Degraded Oil; Possible Brackish H₂O
Green Riv	/er*	3,090′	Oil & Associated Gas
Lower Gr	een River*	5,074′	Oil & Associated Gas
Wasatch*	k	6,927′	Oil & Associated Gas
TD	8,942' (MD)	8,927' (TVD)	

NOTE: Datum, Ground Level (GL) Elevation: 4,822'; Asterisks (*) denotes target pay intervals

A) The Bureau of Land Management (BLM) will be notified within 24 hours of spudding the well. The State of Utah, Division of Oil, Gas and Mining will be notified within 24 hours of spudding the well.

2. CASING PROGRAM

CASING	HOLE SIZE	DEPTH SET (MD)	CSG SIZE	WGHT	GRD	THRD	CAPACITY (bbl/ft)
CONDUCTOR		50-75	13 3/8				
SURFACE	11	900 ±	8 %	32.0	J-55	LTC	0.0609
PRODUCTION	7 %	8,942'	5 1/2	17.0	N-80	LTC	0.0232

NOTE: All casing depth intervals are to surface unless otherwise noted.

Casing Specs

SIZE (in)	ID (in)	DRIFT DIA (in)	COLLAPSE RESISTANCE (psi)	INTERNAL YIELD (psi)	TENSILE YIELD (lbs)	JOINT STRENGTH (lbs)
8 5/8	7.921	7.796	2,530	3,930	503,000	417,000
5 ½	4.892	4.767	6,280	7,740	397,000	348,000

- **A)** The Bureau of Land Management will be notified 24 hours prior to running casing, cementing, and BOPE testing
- B) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part B.1 h:
 - a) Prior to drilling out cement, all casing strings will be pressure tested to 0.22 psi/ft of casing length or 1500 psi, whichever is greater, but not to exceed 70% of minimum internal yield. Pressure decline must not be greater than 10% in 30 minutes.

API Well Number: 43047530080000

FLOAT EQUIPMENT

SURFACE (8 5/8): Float Shoe, 1 JNT Casing, Float Collar

1st 4 Joints: every joint

Centralizers: Remainder: every third joint

PRODUCTION (5 1/2): Float Shoe, 1 JNT Casing, Float Collar

Centralizers: 1st 4 Joints: every joint

Remainder: every third joint 500' into surface casing

NOTE: 5 1/2" 17# N-80 or equivalent marker collar or casing joints will be placed at the top of the Green

River and approximately 400' above the Wasatch.

3. **CEMENT PROGRAM**

CONDUCTOR (13 3/8): Ready Mix – Cement to surface

SURFACE (8 5/8): Cement Top: Surface

Lead: 70 sks, Premium Lightweight Cmt w/ additives, 11.50 ppg, 2.97

cf/sk, 50% excess

Tail: 115 sks Class G Cement w/ additives, 15.80 ppg, 1.16 cf/sk, 50%

excess

NOTE: The above volumes are based on a gauge-hole + 50% excess.

PRODUCTION (5 1/2): Cement Top – 2,700′

570 sacks – Light Premium Cement w/ additives – 12.0 ppg, 2.31

ft3/sk – 20% excess

NOTE: The above volumes are based on gauge hole + 20%

excess. Adjustments will be made and volumes will be caliper +

10%.

NOTE: The above volumes are based on a gauged-hole. Adjustments will be made based on caliper.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- **c)** The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
- D) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:
 - a) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
 - b) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.

API Well Number: 43047530080000

4. PRESSURE CONTROL EQUIPMENT

- **A)** The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.
- **B)** The BOPE shall be closed whenever the well is unattended.
- c) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:
 - a) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
 - b) Choke Manifold:
 - i) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
 - ii) Two adjustable chokes will be used in the choke manifold.
 - iii) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
 - iv) Pressure gauges in the well control system will be designed for drilling fluid.
- **D)** BOPE Testing:
 - a) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
 - b) All BOP tests will be performed with a test plug in place.
 - c) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

INTERVAL	BOP EQUIPMENT
0 - 900 ±	11" Diverter with Rotating Head
900 ± - TD	3,000# Ram Double BOP & Annular with Diverter & Rotating Head
NOTE: Drilling spool	to accommodate choke and kill lines

5. MUD PROGRAM

- **A)** Mud test will be performed at least every 24 hours and after mudding up to determine density, viscosity, gel strength, filtration, and pH.
- **B)** Gas-detecting equipment will be installed and operated in the mud-return system from top of Green River Formation to TD.
 - a) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T's and anchors.

INTERVAL	MUD WGHT	VISC	FLUID LOSS	COMMENTS
SURF - 900 ±	8.4 – 8.7 ppg	32	NC	Spud Mud
$900 \pm - TD$	8.6 – 9.2 ppg	40	NC	DAP/Gel

NOTE: Mud weight increases will be directed by hole conditions.

6. ABNORMAL CONDITIONS

- **A)** No abnormal pressures or temperatures are anticipated.
 - a) Estimated bottom hole pressure at TD will be approximately 3,865 psi (normal pressure gradient: 0.433 psi/ft).
 - b) Estimated maximum surface pressure will be approximately 1,964 psi (estimated bottom hole minus pressure of partially evacuated hole (gradient: 0.220 psi/ft)).
- **B)** No hydrogen sulfide is anticipated.

INTERVAL	CONDITION	
SURF - 900 ±	Lost Circulation Possible	
$900 \pm - TD$	Lost Circulation Possible	

7. AUXILIARY EQUIPMENT

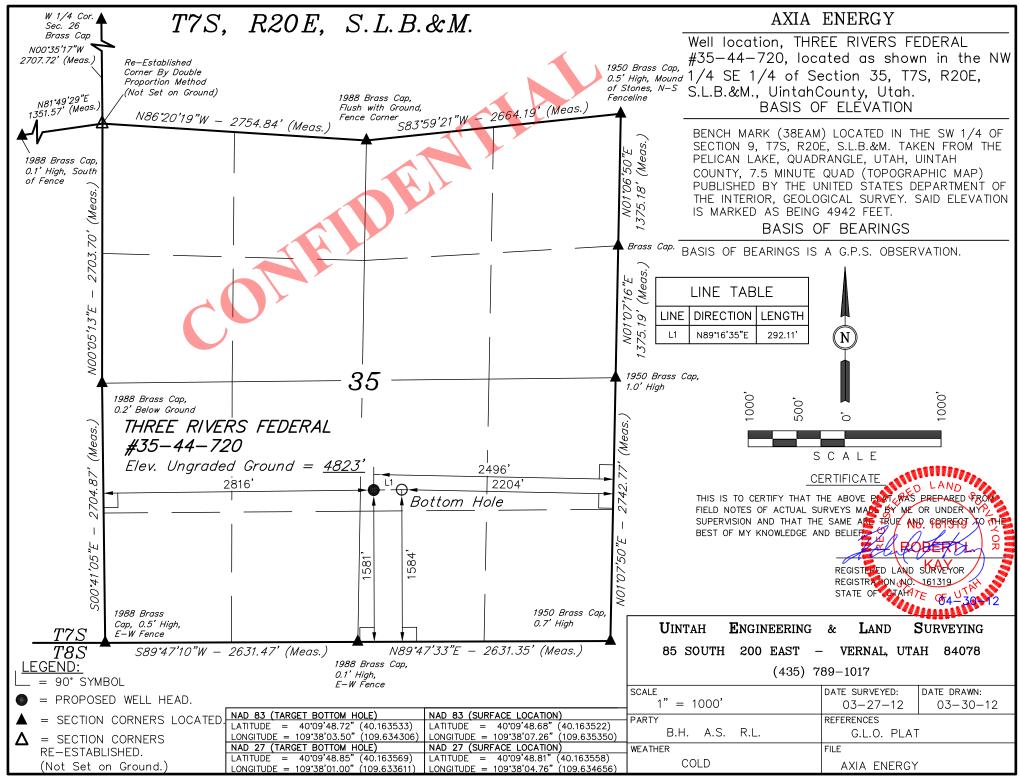
- A) Choke Manifold
- **B)** Upper and lower kelly cock with handle available
- c) Stabbing valve
- **D)** Safety valve and subs to fit all string connections in use

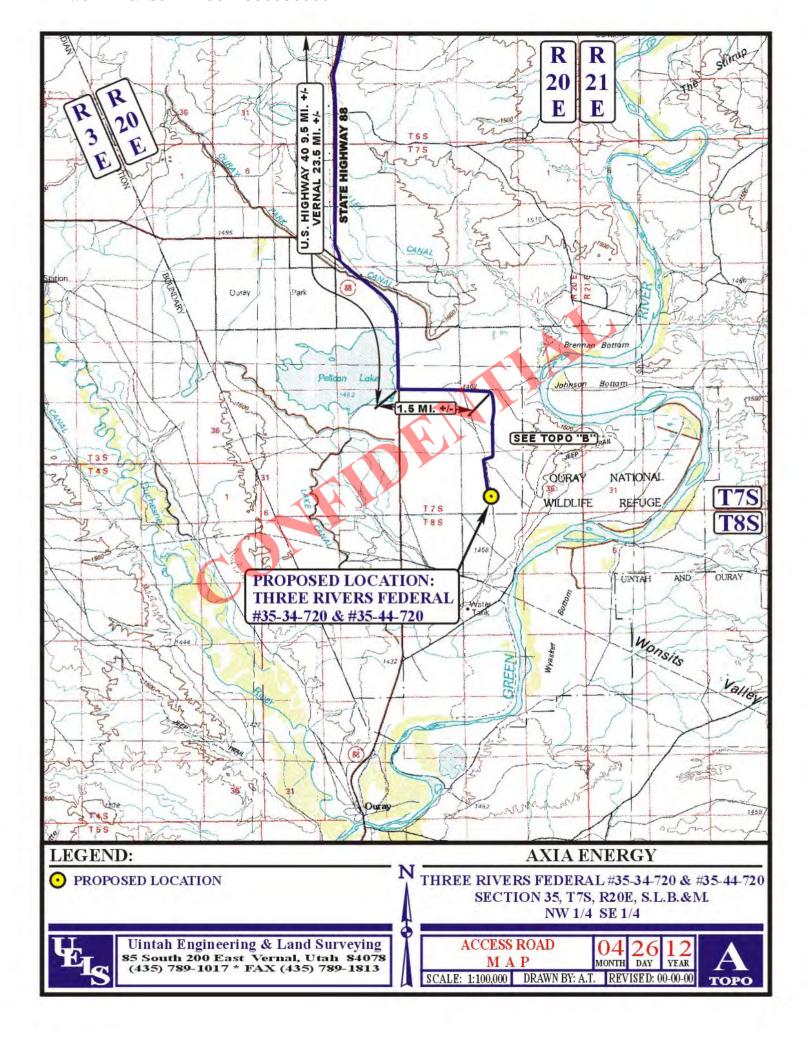
8. SURVEY & LOGGING PROGRAMS

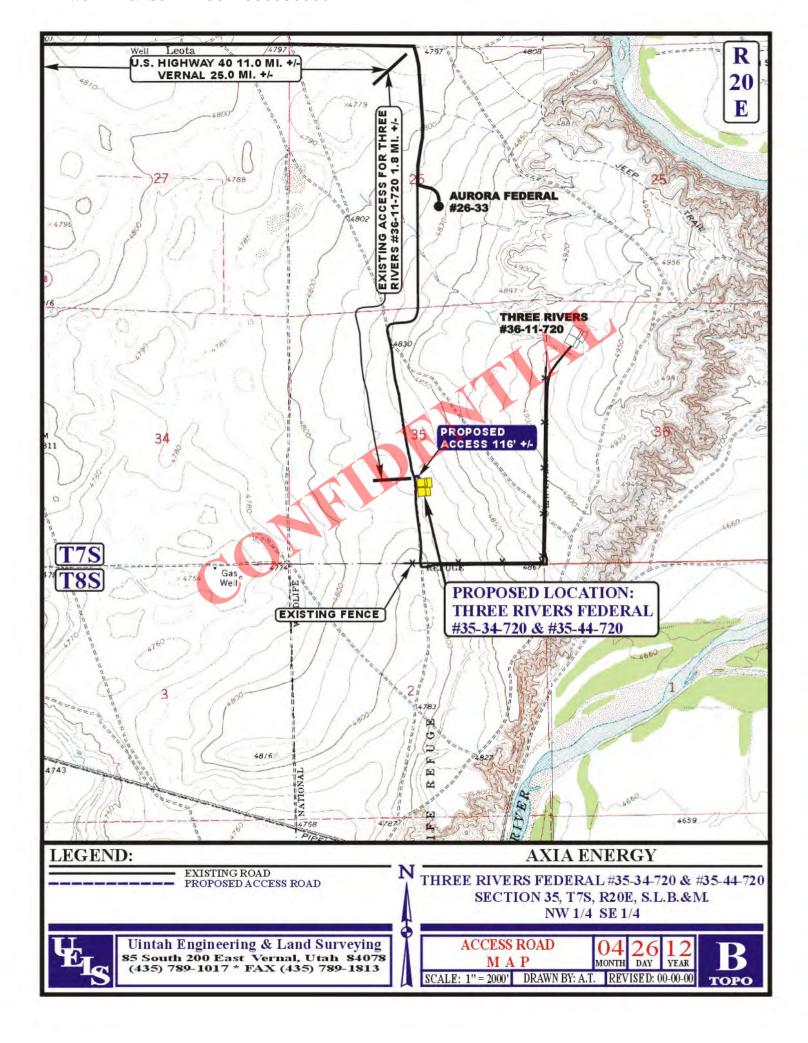
- **A)** Cores: None anticipated.
- **B)** Testing: None anticipated.
- **c)** Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- **D)** Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- **E)** Mud Logs: Computerized 2-person logging unit will catch and describe 10 foot samples from top of Green River Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

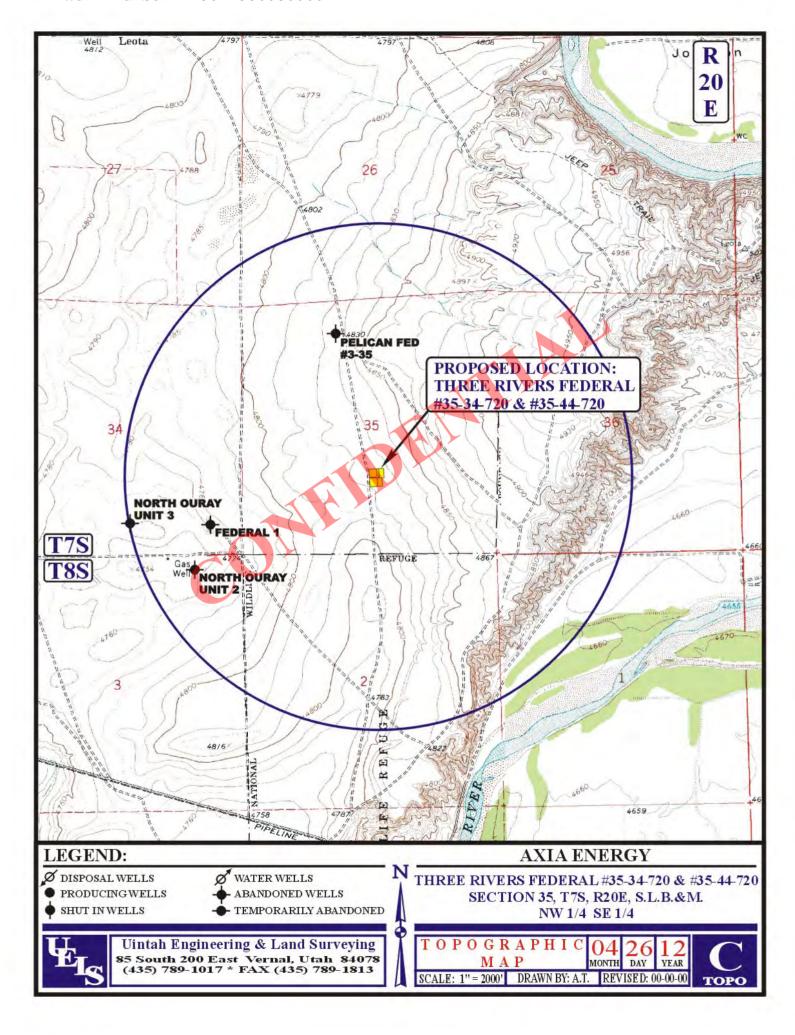
9. HAZARDOUS MATERIALS

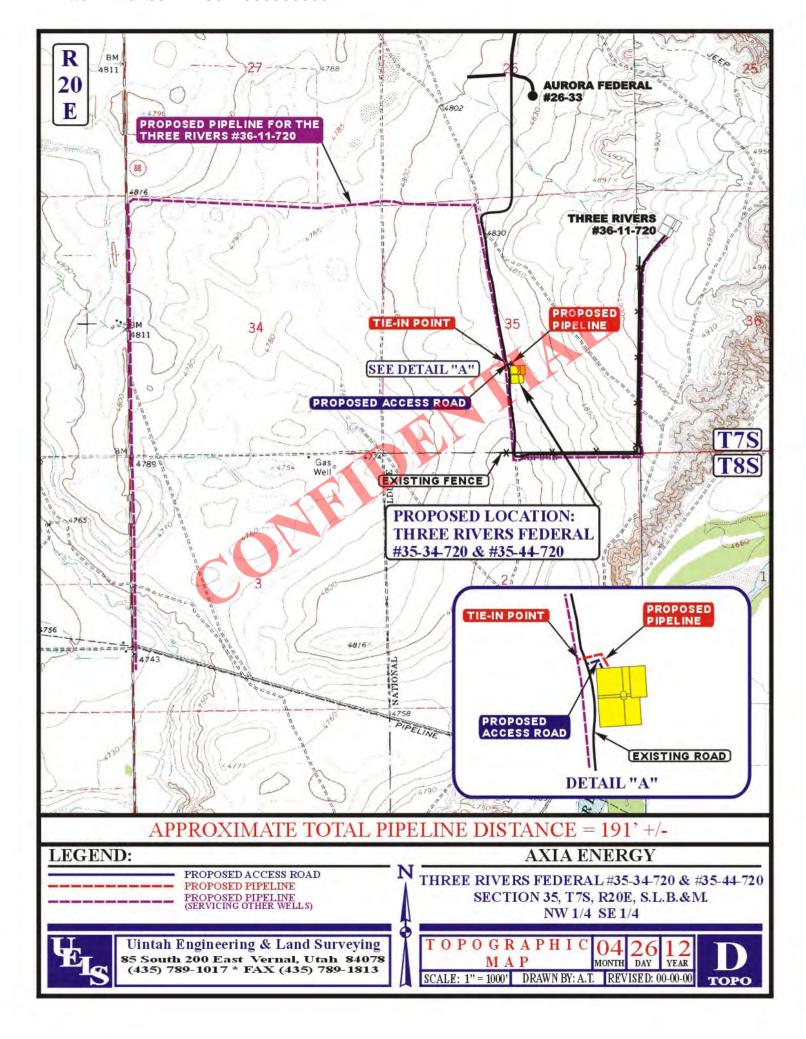
In accordance with Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, no chemicals subject to reporting in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities (TPQ), will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

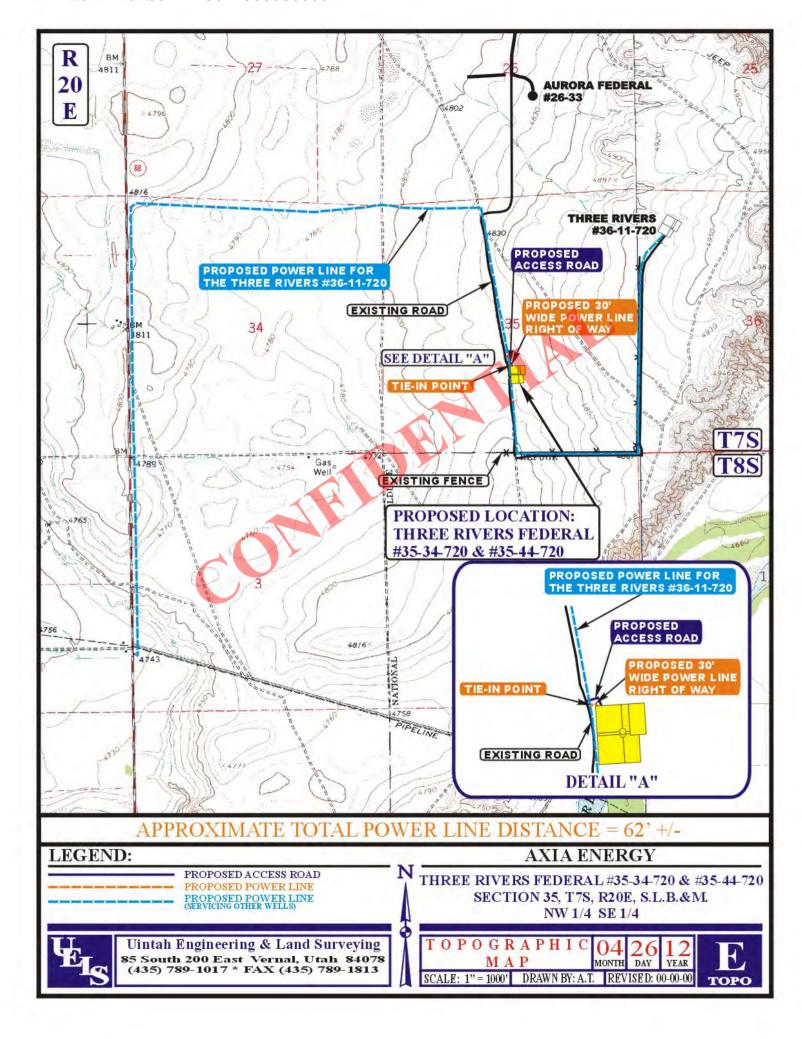












API Well Number: 43047530080000

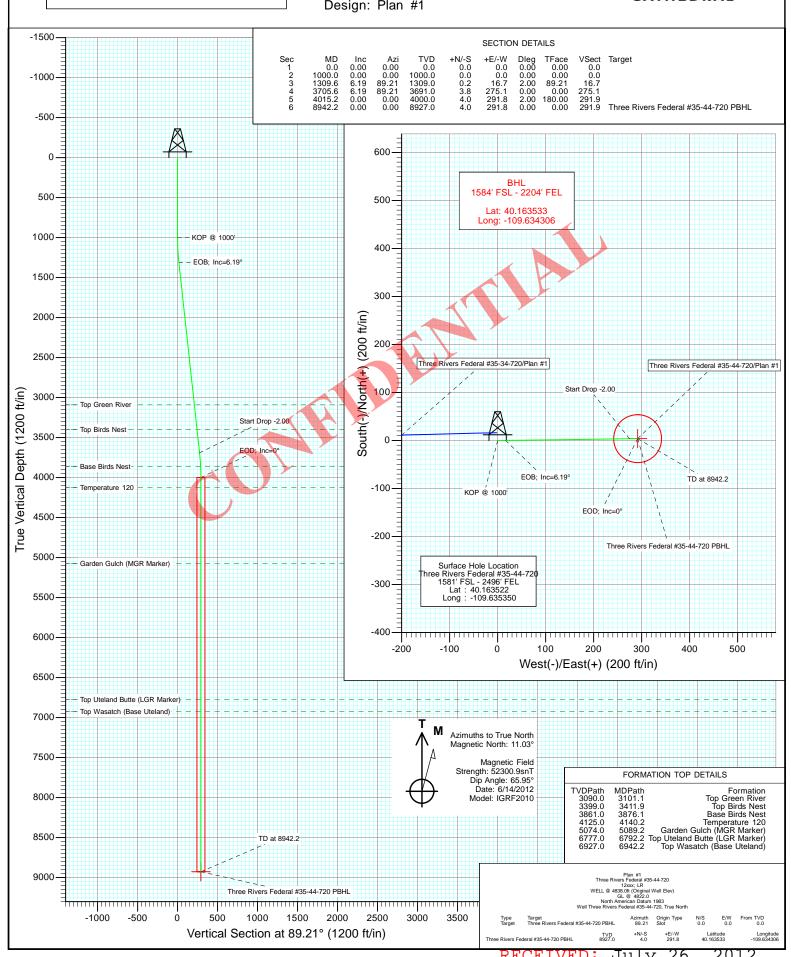
Axia Energy

Project: Uintah County, UT Site: SEC 35-T7S-R20E

Well: Three Rivers Federal #35-44-720

Wellbore: DD Design: Plan #1





USA EDM 5000 Multi Users DB Database:

Company: Axia Energy Project: Uintah County, UT SEC 35-T7S-R20E Site:

Well: Three Rivers Federal #35-44-720

Wellbore: DD Plan #1 Design:

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Three Rivers Federal #35-44-720 WELL @ 4838.0ft (Original Well Elev)

WELL @ 4838.0ft (Original Well Elev)

Minimum Curvature

Uintah County, UT Project

US State Plane 1983 Map System: North American Datum 1983 Geo Datum: Map Zone: Utah Northern Zone

System Datum:

Mean Sea Level

SEC 35-T7S-R20E Site

Northing: 3,226,618.84 ft 40.169178 Site Position: Latitude: -109.636019 From: Lat/Long Easting: 2,161,378.00 ft Longitude: 1.23 ° 0.0 ft Slot Radius: Grid Convergence: **Position Uncertainty:** 13.200 in

Well Three Rivers Federal #35-44-720 **Well Position** +N/-S 0.0 ft Northing: 3,224,562.57 ft Latitude: 40.163522 Easting: +E/-W 0.0 ft 2,161,609.16 ft Longitude: -109.635350 0.0 ft 4,822.0 ft **Position Uncertainty** Wellhead Elevation: Ground Level:

DD Wellbore **Model Name** Sample Date Declination Dip Angle Field Strength Magnetics (°) IGRF2010 65.95 6/14/2012 11.03 52,301

Design Plan #1 **Audit Notes:** 0.0 Version: Phase: **PLAN** Tie On Depth: Vertical Section: Depth From (TVD) +N/-S Direction +E/-W (ft) (ft) (ft) (°) 0.0 0.0 0.0 89.21

lan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,309.6	6.19	89.21	1,309.0	0.2	16.7	2.00	2.00	0.00	89.21	
3,705.6	6.19	89.21	3,691.0	3.8	275.1	0.00	0.00	0.00	0.00	
4,015.2	0.00	0.00	4,000.0	4.0	291.8	2.00	-2.00	0.00	180.00	
8,942.2	0.00	0.00	8,927.0	4.0	291.8	0.00	0.00	0.00	0.00	Three Rivers Federa

Database: USA EDM 5000 Multi Users DB

Company: Axia Energy Project: Uintah County, UT SEC 35-T7S-R20E Site:

Well: Three Rivers Federal #35-44-720

Wellbore: DD Design: Plan #1 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Three Rivers Federal #35-44-720 WELL @ 4838.0ft (Original Well Elev) WELL @ 4838.0ft (Original Well Elev)

Minimum Curvature

Planned Surve	у								
Measured Depth (ft)	Inclination	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	•
0.008	0.00	0.00	0.008	0.0	0.0	0.0	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	KOP @ 1000'
1,100.0	2.00	89.21	1,100.0	0.0	1.7	1.7	2.00	2.00	
1,200.0	4.00	89.21	1,199.8	0.1	7.0	7.0	2.00	2.00	
1,300.0	6.00	89.21	1,299.5	0.2	15.7	15.7	2.00	2.00	
1,309.6	6.19	89.21	1,309.0	0.2	16.7	16.7	2.00	2.00	EOB; Inc=6.19°
1,400.0	6.19	89.21	1,398.9	0.4	26.5	26.5	0.00	0.00	
1,500.0	6.19	89.21	1,498.3	0.5	37.2	37.2	0.00	0.00	
1,600.0	6.19	89.21	1,597.7	0.7	48.0	48.0	0.00	0.00	
1,700.0	6.19	89.21	1,697.1	0.8	58.8	58.8	0.00	0.00	
1,800.0	6.19	89.21	1,796.5	1.0	69.6	69.6	0.00	0.00	
1,900.0	6.19	89.21	1,896.0	1.1	80.4	80.4	0.00	0.00	
2,000.0	6.19	89.21	1,090.0	1.3	91.2	91.2	0.00	0.00	
2,100.0	6.19	89.21	2,094.8	1.4	102.0	102.0	0.00	0.00	
2,200.0	6.19	89.21	2,194.2	1.6	112.7	112.8	0.00	0.00	
2,300.0	6.19	89.21	2,293.6	1.7	123.5	123.5	0.00	0.00	
		89.21		1.8			0.00	0.00	
2,400.0 2,500.0	6.19 6.19	89.21	2,393.0 2,492.5	2.0	134.3 145.1	134.3 145.1	0.00	0.00	
2,600.0	6.19	89.21	2,591.9	2.0	155.9	155.9	0.00	0.00	
2,700.0	6.19	89.21	2,691.3	2.3	166.7	166.7	0.00	0.00	
2,800.0	6.19	89.21	2,790.7	2.4	177.5	177.5	0.00	0.00	
	6 10	89.21	2 200 1	2.6	100.0	100.0	0.00	0.00	
2,900.0 3,000.0	6.19 6.19	89.21 89.21	2,890.1 2,989.5	2.6 2.7	188.2 199.0	188.3 199.0	0.00 0.00	0.00 0.00	
3,100.0	6.19	89.21	3,089.0	2.7	209.8	209.8	0.00	0.00	
3,101.1	6.19	89.21	3,090.0	2.9	209.9	209.9	0.00	0.00	Top Green River
3,200.0	6.19	89.21	3,188.4	3.0	220.6	220.6	0.00	0.00	- p - 1.10
3,300.0	6.19	89.21	3,287.8	3.2	231.4	231.4	0.00	0.00	
3,400.0	6.19	89.21	3,267.6	3.2	242.2	231. 4 242.2	0.00	0.00	
3,411.9	6.19	89.21	3,399.0	3.4	243.4	243.5	0.00		Top Birds Nest
3,500.0	6.19	89.21	3,486.6	3.5	252.9	253.0	0.00	0.00	- F = 20
3,600.0	6.19	89.21	3,586.0	3.6	263.7	263.8	0.00	0.00	
3,700.0	6.19	89.21	3,685.5	3.8	274.5	274.5	0.00	0.00	
3,700.0	6.19	89.21	3,691.0	3.8	274.5 275.1	274.5 275.1	0.00		Start Drop -2.00
3,800.0	4.30	89.21	3,785.0	3.9	283.8	283.8	2.00	-2.00	Start Drop -2.00
3,876.1	2.78	89.21	3,861.0	4.0	288.5	288.5	2.00		Base Birds Nest
3,900.0	2.30	89.21	3,884.8	4.0	289.5	289.5	2.00	-2.00	322 23 43 300
			3.984.8						
4,000.0 4,015.2	0.30 0.00	89.21 0.00	3,984.8 4,000.0	4.0 4.0	291.8 291.8	291.8 291.9	2.00 2.00	-2.00 -2.00	EOD; Inc=0°
4,100.0	0.00	0.00	4,000.0	4.0	291.8	291.9	0.00	0.00	LOD, IIIC-U
4,140.2	0.00	0.00	4,125.0	4.0	291.8	291.9	0.00		Temperature 120
4,200.0	0.00	0.00	4,184.8	4.0	291.8	291.9	0.00	0.00	
		0.00		4.0	291.8	291.9		0.00	
4,300.0 4,400.0	0.00 0.00	0.00	4,284.8 4,384.8	4.0 4.0	291.8 291.8	291.9 291.9	0.00 0.00	0.00	
4,400.0	0.00	0.00	4,504.0	4.0	231.0	281.8	0.00	0.00	

Database: USA EDM 5000 Multi Users DB

Company: Axia Energy
Project: Uintah County, UT
Site: SEC 35-T7S-R20E

Well: Three Rivers Federal #35-44-720

Wellbore: DD
Design: Plan #1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Three Rivers Federal #35-44-720 WELL @ 4838.0ft (Original Well Elev) WELL @ 4838.0ft (Original Well Elev)

True

Minimum Curvature

4,500.0 4,600.0 4,700.0 4,800.0 4,900.0 5,000.0 5,089.2 5,100.0 5,200.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Azimuth (°) 0.00 0.00 0.00 0.00 0.00 0.00	Vertical Depth (ft) 4,484.8 4,584.8 4,684.8 4,784.8	+N/-S (ft) 4.0 4.0 4.0	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate	Comments / Formations
4,600.0 4,700.0 4,800.0 4,900.0 5,000.0 5,089.2 5,100.0 5,200.0	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00	4,584.8 4,684.8	4.0			` '	(°/100ft)	
4,700.0 4,800.0 4,900.0 5,000.0 5,089.2 5,100.0 5,200.0	0.00 0.00 0.00 0.00	0.00	4,684.8		204.0	291.9	0.00	0.00	
4,800.0 4,900.0 5,000.0 5,089.2 5,100.0 5,200.0	0.00 0.00 0.00	0.00		4.0	291.8	291.9	0.00	0.00	
4,900.0 5,000.0 5,089.2 5,100.0 5,200.0	0.00 0.00		17010		291.8	291.9	0.00	0.00	
5,000.0 5,089.2 5,100.0 5,200.0	0.00	0.00	4,704.0	4.0	291.8	291.9	0.00	0.00	
5,089.2 5,100.0 5,200.0		0.00	4,884.8	4.0	291.8	291.9	0.00	0.00	
5,100.0 5,200.0	0.00	0.00	4,984.8	4.0	291.8	291.9	0.00	0.00	
5,200.0		0.00	5,074.0	4.0	291.8	291.9	0.00		Garden Gulch (MGR Marker)
	0.00	0.00	5,084.8	4.0	291.8	291.9	0.00	0.00	
	0.00	0.00	5,184.8	4.0	291.8	291.9	0.00	0.00	
5,300.0	0.00	0.00	5,284.8	4.0	291.8	291.9	0.00	0.00	
5,400.0	0.00	0.00	5,384.8	4.0	291.8	291.9	0.00	0.00	
5,500.0	0.00	0.00	5,484.8	4.0	291.8	291.9	0.00	0.00	
5,600.0	0.00	0.00	5,584.8	4.0	291.8	291.9	0.00	0.00	
5,700.0	0.00	0.00	5,684.8	4.0	291.8	291.9	0.00	0.00	
5,800.0	0.00	0.00	5,784.8	4.0	291.8	291.9	0.00	0.00	
5,900.0	0.00	0.00	5,884.8	4.0	291.8	291.9	0.00	0.00	
6,000.0	0.00	0.00	5,984.8	4.0	291.8	291.9	0.00	0.00	
6,100.0	0.00	0.00	6,084.8	4.0	291.8	291.9	0.00	0.00	
6,200.0	0.00	0.00	6,184.8	4.0	291.8	291.9	0.00	0.00	
6,300.0	0.00	0.00	6,284.8	4.0	291.8	291.9	0.00	0.00	
6,400.0	0.00	0.00	6,384.8	4.0	291.8	291.9	0.00	0.00	
6,500.0	0.00	0.00	6,484.8	4.0	291.8	291.9	0.00	0.00	
6,600.0	0.00	0.00	6,584.8	4.0	291.8	291.9	0.00	0.00	
6,700.0	0.00	0.00	6,684.8	4.0	291.8	291.9	0.00	0.00	
6,792.2	0.00	0.00	6,777.0	4.0	291.8	291.9	0.00	0.00	Top Uteland Butte (LGR Marker)
6,800.0	0.00	0.00	6,784.8	4.0	291.8	291.9	0.00	0.00	
6,900.0	0.00	0.00	6,884.8	4.0	291.8	291.9	0.00	0.00	
6,942.2	0.00	0.00	6,927.0	4.0	291.8	291.9	0.00	0.00	Top Wasatch (Base Uteland)
7,000.0	0.00	0.00	6,984.8	4.0	291.8	291.9	0.00	0.00	
7,100.0	0.00	0.00	7,084.8	4.0	291.8	291.9	0.00	0.00	
7,200.0	0.00	0.00	7,184.8	4.0	291.8	291.9	0.00	0.00	
7,300.0	0.00	0.00	7,284.8	4.0	291.8	291.9	0.00	0.00	
7,400.0	0.00	0.00	7,384.8	4.0	291.8	291.9	0.00	0.00	
7,500.0	0.00	0.00	7,484.8	4.0	291.8	291.9	0.00	0.00	
7,600.0	0.00	0.00	7,584.8	4.0	291.8	291.9	0.00	0.00	
7,700.0	0.00	0.00	7,684.8	4.0	291.8	291.9	0.00	0.00	
7,800.0	0.00	0.00	7,784.8	4.0	291.8	291.9	0.00	0.00	
7,900.0	0.00	0.00	7,884.8	4.0	291.8	291.9	0.00	0.00	
8,000.0	0.00	0.00	7,984.8	4.0	291.8	291.9	0.00	0.00	
8,100.0	0.00	0.00	8,084.8	4.0	291.8	291.9	0.00	0.00	
8,200.0	0.00	0.00	8,184.8	4.0	291.8	291.9	0.00	0.00	
8,300.0	0.00	0.00	8,284.8	4.0	291.8	291.9	0.00	0.00	
8,400.0	0.00	0.00	8,384.8	4.0	291.8	291.9	0.00	0.00	
8,500.0	0.00	0.00	8,484.8	4.0	291.8	291.9	0.00	0.00	
8,600.0	0.00	0.00	8,584.8	4.0	291.8	291.9	0.00	0.00	
8,700.0	0.00	0.00	8,684.8	4.0	291.8	291.9	0.00	0.00	
8,800.0	0.00	0.00	8,784.8	4.0	291.8	291.9	0.00	0.00	
8,900.0	0.00	0.00	8,884.8	4.0	291.8	291.9	0.00	0.00	
8,942.2	0.00	0.00	8,927.0	4.0	291.8	291.9	0.00	0.00	TD at 8942.2 - Three Rivers Federal #35-44

Database: USA EDM 5000 Multi Users DB

Company: Axia Energy
Project: Uintah County, UT
Site: SEC 35-T7S-R20E

Well: Three Rivers Federal #35-44-720

Wellbore: DD Plan #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well Three Rivers Federal #35-44-720 WELL @ 4838.0ft (Original Well Elev)

WELL @ 4838.0ft (Original Well Elev)

True

Minimum Curvature

Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Three Rivers Federal #3 - plan hits target cen - Circle (radius 50.0)		0.00	8,927.0	4.0	291.8	3,224,572.85	2,161,900.84	40.163533	-109.634306

Formations					
	Measured Depth (ft)	Vertical Depth (ft)	Name	Dip Lithology (°)	Dip Direction (°)
	3,101.1	3,090.0	Top Green River		
	3,411.9	3,399.0	Top Birds Nest		
	3,876.1	3,861.0	Base Birds Nest		
	4,140.2	4,125.0	Temperature 120		
	5,089.2	5,074.0	Garden Gulch (MGR Marker)		
	6,792.2	6,777.0	Top Uteland Butte (LGR Marker)		
	6,942.2	6,927.0	Top Wasatch (Base Uteland)		

Plan Annotati	ions				
	Measured Depth (ft)	Vertical Depth (ft)	Local Coord +N/-S (ft)	linates +E/-W (ft)	Comment
	1,000.0	1,000.0	0.0	0.0	KOP @ 1000'
	1,309.6	1,309.0	0.2	16.7	EOB; Inc=6.19°
	3,705.6	3,691.0	3.8	275.1	Start Drop -2.00
	4,015.2	4,000.0	4.0	291.8	EOD; Inc=0°
	8,942.2	8,927.0	4.0	291.8	TD at 8942.2

API Well Number: 43047530080000

Axia Energy

Uintah County, UT SEC 35-T7S-R20E Three Rivers Federal #35-44-720 DD Plan #1

Anticollision Report

14 June, 2012

Company: Axia Energy
Project: Uintah County, UT
Reference Site: SEC 35-T7S-R20E

Site Error: 0.

Reference Well: Three Rivers Federal #35-44-720

Well Error: 0.0ft
Reference Wellbore DD
Reference Design: Plan #1

TVD Reference:
MD Reference:

Local Co-ordinate Reference:

Well Three Rivers Federal #35-44-720 WELL @ 4838.0ft (Original Well Elev) WELL @ 4838.0ft (Original Well Elev)

North Reference: True

Survey Calculation Method: Minimum Curvature

Output errors are at 2.00 sigma

Database: USA EDM 5000 Multi Users DB

Offset TVD Reference: Offset Datum

Reference Plan #1

Filter type: GLOBAL FILTER APPLIED: All wellpaths within 200'+ 100/1000 of reference

Interpolation Method: MD Interval 100.0ft Error Model: ISCWSA

 Depth Range:
 Unlimited
 Scan Method:
 Closest Approach 3D

 Results Limited by:
 Maximum center-center distance of 1,094.2ft
 Error Surface:
 Elliptical Conic

 Warning Levels Evaluated at:
 2.00 Sigma

 Survey Tool Program
 Date 6/14/2012

 From (ft)
 To (ft)
 Survey (Wellbore)
 Tool Name
 Description

 0.0
 8,942.2 Plan #1 (DD)
 MWD
 Geolink MWD

Summary								
		1	Reference	Offset	Dista	nce		
Site Name			Measured	Measured	Between	Between Ellipses	Separation Factor	Warning
Offset Well - We	Ilbore - Design		Depth (ft)	Depth (ft)	Centres (ft)	(ft)	ractor	
SEC 35-T7S-R20E								
Three Rivers Fe	deral #35-34-720 - DD - Plan #1	7	1,000.0	1,000.0	16.5	13.0	4.798 CC	
Three Rivers Fe	deral #35-34-720 - DD - Plan #1		1,000.4	1,000.4	16.5	13.0	4.796 ES	
Three Rivers Fe	deral #35-34-720 - DD - Plan #1		1,100.0	1,099.8	17.1	13.3	4.524 SF	

Company: Axia Energy Project: Uintah County, UT Reference Site: SEC 35-T7S-R20E

Site Error:

Reference Well: Three Rivers Federal #35-44-720

Well Error: 0.0ft Reference Wellbore DD Reference Design: Plan #1 Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference:

Well Three Rivers Federal #35-44-720 WELL @ 4838.0ft (Original Well Elev) WELL @ 4838.0ft (Original Well Elev)

Survey Calculation Method: Minimum Curvature

Output errors are at 2.00 sigma

Database: USA EDM 5000 Multi Users DB

Offset TVD Reference: Offset Datum

	sign	SEC 35	-T7S-R20	E - Three R	livers Fed	deral #35-34	-720 - DD - Plar	n #1					Offset Site Error:	0.0 ft
Survey Progra	_						. 20 22						Offset Well Error:	0.0 ft
Refere	nce	Offse		Semi Major	Axis				Dista	nce				
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore (+N/-S (ft)	+E/-W	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning	
								(ft)		(,	71.110			
0.0 100.0	0.0 100.0	0.0 100.0	0.0 100.0	0.0 0.1	0.0 0.1	-5.84 -5.84	16.4 16.4	-1.7 -1.7	16.5 16.5	16.2	0.29	56.208		
200.0	200.0	200.0	200.0	0.3	0.1	-5.84	16.4	-1.7	16.5	15.8	0.64	25.660		
300.0	300.0	300.0	300.0	0.5	0.5	-5.84	16.4	-1.7	16.5	15.5	0.99	16.625		
400.0	400.0	400.0	400.0	0.7	0.7	-5.84	16.4	-1.7	16.5	15.1	1.34	12.296		
500.0	500.0	500.0	500.0	0.8	0.8	-5.84	16.4	-1.7	16.5	14.8	1.69	9.755		
600.0	600.0	600.0	600.0	1.0	1.0	-5.84	16.4	-1.7	16.5	14.4	2.04	8.085		
700.0	700.0	700.0	700.0	1.2	1.2	-5.84	16.4	-1.7	16.5	14.1	2.39	6.903		
800.0	800.0	800.0	800.0	1.4	1.4	-5.84	16.4	-1.7	16.5	13.7	2.74	6.022		
900.0	900.0	900.0	900.0	1.5	1.5	-5.84	16.4	-1.7	16.5	13.4	3.09	5.341		
1,000.0	1,000.0	1,000.0	1,000.0	1.7	1.7	-5.84	16.4	-1.7	16.5	13.0	3.43	4.798 CC		
1,000.4	1,000.4	1,000.4	1,000.4	1.7	1.7	-95.05	16.4	1.7	16.5	13.0	3.44	4.796 ES		
1,100.4	1,100.4	1,000.4	1,000.4	1.7	1.7	-95.05	16.4	-3.4	17.1	13.3	3.79	4.796 ES 4.524 SF		
1,200.0	1,100.0	1,198.9	1,198.8	2.1	2.1	-132.98	16.2	-8.6	22.4	18.3	4.14	5.423		
1,300.0	1,199.5	1,196.9	1,196.6	2.3	2.3	-152.96	16.0	-17.0	36.5	32.0	4.48	8.150		
1,400.0	1,398.9	1,392.6	1,391.3	2.5	2.5	-163,28	15.7	-28.5	57.6	52.8	4.40	11.965		
.,	.,555.5	.,002.0	.,551.5	2.0	0		10.7	20.0	57.5	J2.0	7.01			
1,500.0	1,498.3	1,486.9	1,484.6	2.7	2.7	-168.45	15.4	-42.9	82.7	77.6	5.15	16.063		
1,600.0	1,597.7	1,579.6	1,575.6	2.9	3.0	-171.46	14.9	-60.1	111.3	105.8	5.48	20.300		
1,700.0	1,697.1	1,670.3	1,664.2	3.1	3.3	-173.38	14.4	-79.7	143.0	137.2	5.81	24.617		
1,800.0	1,796.5	1,759.0	1,750.2	3.4	3.6	-174.71	13.9	-101.6	177.8	171.7	6.14	28.984		
1,900.0	1,896.0	1,851.6	1,839.4	3.6	4.0	-175.68	13.3	-126.1	214.4	207.9	6.47	33.151		
					•									
2,000.0	1,995.4	1,944.6	1,929.1	3.9	4.4	-176.38	12.7	-150.7	251.0	244.2	6.80	36.916		
2,100.0	2,094.8	2,037.6	2,018.8	4.1	4.9	-176.90	12.1	-175.3	287.6	280.5	7.13	40.333		
2,200.0	2,194.2	2,130.6	2,108.6	4.3	5.3	-177.30	11.4	-199.9	324.3	316.8	7.46	43.450		
2,300.0	2,293.6	2,223.7	2,198.3	4.6	5.7	-177.63	10.8	-224.5	360.9	353.1	7.80	46.302		
2,400.0	2,393.0	2,316.7	2,288.0	4.8	6.2	-177.89	10.2	-249.1	397.6	389.5	8.13	48.923		
2,500.0	2,492.5	2,409.7	2,377.7	5.1	6.6	-178.11	9.6	-273.7	434.3	425.8	8.46	51.340		
2,600.0	2,591.9	2,502.7	2,467.4	5.3	7.0	-178.29	9.0	-298.3	470.9	462.2	8.79	53.575		
2,700.0	2,691.3	2,595.7	2,557.1	5.6	7.5	-178.45	8.4	-322.9	507.6	498.5	9.12	55.648		
2,800.0	2,790.7	2,688.8	2,646.8	5.8	8.0	-178.58	7.7	-347.5	544.3	534.9	9.45	57.576		
2,900.0	2,890.1	2,781.8	2,736.5	6.1	8.4	-178.70	7.1	-372.1	581.0	571.2	9.79	59.374		
3,000.0	2,989.5	2,874.8	2,826.2	6.3	8.9	-178.81	6.5	-396.7	617.7	607.6	10.12	61.055		
3,100.0	3,089.0	2,967.8	2,915.9	6.6	9.3	-178.90	5.9	-421.3	654.4	643.9	10.45	62.629		
3,200.0	3,188.4	3,060.9	3,005.6	6.8	9.8	-178.98	5.3	-445.9	691.0	680.3	10.78	64.107		
3,300.0	3,287.8	3,153.9	3,095.3	7.1	10.2	-179.06	4.7	-470.5	727.7	716.6	11.11	65.497		
3,400.0	3,387.2	3,246.9	3,185.1	7.3	10.7	-179.12	4.1	-495.1	764.4	753.0	11.44	66.807		
2 500 0	2 400 0	2.050.0	2 207 5	7.0	44.0	170.40	2.4	E00.7	000.0	700.0	44.00	67.000		
3,500.0	3,486.6	3,353.0	3,287.5	7.6	11.2	-179.19 170.26	3.4	-522.7	8.008	789.0	11.80	67.893		
3,600.0	3,586.0	3,485.1	3,416.1	7.8	11.8	-179.26	2.6	-552.6	833.8	821.7	12.19	68.385		
3,700.0	3,685.5	3,621.2	3,550.0	8.1	12.2	-179.32	2.0	-577.2 -595.8	862.4 884.8	849.8	12.60 13.05	68.448		
3,800.0	3,785.0	3,761.5	3,689.0	8.3	12.6	-179.36 -179.39	1.5			871.7		67.791 66.556		
3,900.0	3,884.8	3,905.2	3,832.2	8.5	12.9	-179.39	1.2	-607.8	898.9	885.4	13.51	66.556		
4,000.0	3,984.8	4,050.9	3,977.8	8.6	13.0	-179.40	1.1	-612.6	904.5	890.5	13.95	64.815		
4,100.0	4,084.8	4,157.9	4,084.8	8.8	13.1	-90.18	1.1	-612.7	904.6	890.3	14.32	63.173		
4,200.0	4,184.8	4,257.9	4,184.8	8.9	13.2	-90.18	1.1	-612.7	904.6	889.9	14.67	61.666		
4,300.0	4,284.8	4,357.9	4,284.8	9.1	13.3	-90.18	1.1	-612.7	904.6	889.6	15.02	60.229		
4,400.0	4,384.8	4,457.9	4,384.8	9.2	13.4	-90.18	1.1	-612.7	904.6	889.2	15.37	58.858		
4,500.0	4,484.8	4,557.9	4,484.8	9.4	13.5	-90.18	1.1	-612.7	904.6	888.9	15.72	57.548		
4,600.0	4,584.8	4,657.9	4,584.8	9.5	13.6	-90.18	1.1	-612.7	904.6	888.5	16.07	56.295		
4,700.0	4,684.8	4,757.9	4,684.8	9.7	13.7	-90.18	1.1	-612.7	904.6	888.2	16.42	55.096		
	4,784.8	4,857.9	4,784.8	9.8	13.8	-90.18	1.1	-612.7	904.6	887.8	16.77	53.946		
4,800.0											47.40	50.044		
4,800.0 4,900.0	4,884.8	4,957.9	4,884.8	9.9	13.9	-90.18	1.1	-612.7	904.6	887.5	17.12	52.844		

Company: Axia Energy
Project: Uintah County, UT
Reference Site: SEC 35-T7S-R20E

Site Error: 0.0ft

Reference Well: Three Rivers Federal #35-44-720

Well Error: 0.0ft
Reference Wellbore DD
Reference Design: Plan #1

Local Co-ordinate Reference: TVD Reference:

TVD Reference:
MD Reference:
North Reference:

Well Three Rivers Federal #35-44-720 WELL @ 4838.0ft (Original Well Elev) WELL @ 4838.0ft (Original Well Elev)

True

Survey Calculation Method: Minimum Curvature

Output errors are at 2.00 sigma

Database: USA EDM 5000 Multi Users DB

Offset TVD Reference: Offset Datum

ey Progr	ram: 0-M\	ND											Offset Well Error:	0.0
Reference Offset Semi Major Axis Distance								Offset Well Effor.	0.011					
sured	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbor	e Centre	Between	Between	Total	Separation	Warning	
epth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	Toolface (°)	+N/-S (ft)	+E/-W (ft)	Centres (ft)	Ellipses (ft)	Uncertainty Axis	Factor		
5,100.0	5,084.8	5,157.9	5,084.8	10.2	14.2	-90.18	1.1	-612.7	904.6	886.8	17.82	50.770		
5,200.0	5,184.8	5,257.9	5,184.8	10.4	14.3	-90.18	1.1	-612.7	904.6	886.4	18.17	49.793		
5,300.0	5,284.8	5,357.9	5,284.8	10.6	14.4	-90.18	1.1	-612.7	904.6	886.1	18.52	48.853		
5,400.0	5,384.8	5,457.9	5,384.8	10.7	14.5	-90.18	1.1	-612.7	904.6	885.7	18.87	47.947		
5,500.0	5,484.8	5,557.9	5,484.8	10.9	14.6	-90.18	1.1	-612.7	904.6	885.4	19.22	47.075		
5,600.0	5,584.8	5,657.9	5,584.8	11.0	14.7	-90.18	1.1	-612.7	904.6	885.0	19.57	46.234		
5,700.0	5,684.8	5,757.9	5,684.8	11.2	14.9	-90.18	1.1	-612.7	904.6	884.7	19.91	45.422		
5,800.0	5,784.8	5,857.9	5,784.8	11.3	15.0	-90.18	1.1	-612.7	904.6	884.3	20.26	44.639		
5,900.0	5,884.8	5,957.9	5,884.8	11.5	15.1	-90.18	1.1	-612.7	904.6	884.0	20.61	43.882		
6,000.0	5,984.8	6,057.9	5,984.8	11.6	15.2	-90.18	1.1	-612.7	904.6	883.6	20.96	43.150		
6,100.0	6,084.8	6,157.9	6,084.8	11.8	15.3	-90.18	1.1	-612.7	904.6	883.3	21.31	42.443		
6,200.0	6,184.8	6,257.9	6,184.8	12.0	15.5	-90.18	1.1	-612.7	904.6	882.9	21.66	41.758		
6,300.0	6,284.8	6,357.9	6,284.8	12.1	15.6	-90.18	1.1	-612.7	904.6	882.6	22.01	41.095		
6,400.0	6,384.8	6,457.9	6,384.8	12.3	15.7	-90.18	1.1	-612.7	904.6	882.2	22.36	40.453		
6,500.0	6,484.8	6,557.9	6,484.8	12.4	15.8	-90.18	1.1	-612.7	904.6	881.9	22.71	39.830		
6,600.0	6,584.8	6,657.9	6,584.8	12.6	16.0	-90.18	1.1	-612.7	904.6	881.5	23.06	39.227		
5,700.0	6,684.8	6,757.9	6,684.8	12.7	16.1	-90.18	1.1	-612.7	904.6	881.2	23.41	38.641		
6,800.0	6,784.8	6,857.9	6,784.8	12.9	16.2	-90.18	1.1	-612.7	904.6	8.088	23.76	38.073		
6,900.0	6,884.8	6,957.9	6,884.8	13.1	16.3	-90.18	1.1	-612.7	904.6	880.5	24.11	37.521		
7,000.0	6,984.8	7,057.9	6,984.8	13.2	16.5	-90.18	1.1	-612.7	904.6	880.1	24.46	36.985		
7,100.0	7,084.8	7,157.9	7,084.8	13.4	16.6	-90.18	1.1	-612.7	904.6	879.8	24.81	36.464		
7,200.0	7,184.8	7,257.9	7,184.8	13.5	16.7	-90.18	1.1	-612.7	904.6	879.4	25.16	35.958		
7,300.0	7,284.8	7,357.9	7,284.8	13.7	16.9	-90.18	1.1	-612.7	904.6	879.1	25.51	35.465		
7,400.0	7,384.8	7,457.9	7,384.8	13.9	17.0	-90.18	1.1	-612.7	904.6	878.7	25.86	34.986		
7,500.0	7,484.8	7,557.9	7,484.8	14.0	17.1	-90.18	1.1	-612.7	904.6	878.4	26.20	34.520		
7,600.0	7,584.8	7,657.9	7,584.8	14.2	17.3	-90.18	1.1	-612.7	904.6	878.0	26.55	34.066		
7,700.0	7,684.8	7,757.9	7,684.8	14.4	17.4	-90.18	1.1	-612.7	904.6	877.7	26.90	33.623		
7,800.0	7,784.8	7,857.9	7,784.8	14.5	17.5	-90.18	1.1	-612.7	904.6	877.3	27.25	33.192		
7,900.0	7,884.8	7,957.9	7,884.8	14.7	17.7	-90.18	1.1	-612.7	904.6	877.0	27.60	32.772		
8,000.0	7,984.8	8,057.9	7,984.8	14.8	17.8	-90.18	1.1	-612.7	904.6	876.6	27.95	32.363		
8,100.0	8,084.8	8,157.9	8,084.8	15.0	17.9	-90.18	1.1	-612.7	904.6	876.3	28.30	31.963		
8,200.0	8,184.8	8,257.9	8,184.8	15.2	18.1	-90.18	1.1	-612.7	904.6	875.9	28.65	31.574		
8,300.0	8,284.8	8,357.9	8,284.8	15.3	18.2	-90.18	1.1	-612.7	904.6	875.6	29.00	31.193		
8,400.0	8,384.8	8,457.9	8,384.8	15.5	18.4	-90.18	1.1	-612.7	904.6	875.2	29.35	30.822		
8,500.0	8,484.8	8,557.9	8,484.8	15.7	18.5	-90.18	1.1	-612.7	904.6	874.9	29.70	30.460		
8,600.0	8,584.8	8,657.9	8,584.8	15.8	18.6	-90.18	1.1	-612.7	904.6	874.5	30.05	30.105		
8,700.0	8,684.8	8,757.9	8,684.8	16.0	18.8	-90.18	1.1	-612.7	904.6	874.2	30.40	29.759		
8,800.0	8,784.8	8,857.9	8,784.8	16.2	18.9	-90.18	1.1	-612.7	904.6	873.8	30.75	29.421		
8,900.0	8,884.8	8,957.9	8,884.8	16.3	19.1	-90.18	1.1	-612.7	904.6	873.5	31.09	29.091		
8,923.8	8,908.6	8,981.7	8,908.6	16.4	19.1	-90.18	1.1	-612.7	904.6	873.4	31.18	29.014		
8,942.2	8,927.0	8,990.1	8,917.0	16.4	19.1	-90.18	1.1	-612.7	904.6	873.4	31.22	28.972		

Company: Axia Energy Project: Uintah County, UT Reference Site: SEC 35-T7S-R20E

Site Error:

Reference Well: Three Rivers Federal #35-44-720

Well Error: Reference Wellbore DD Reference Design:

0.0ft

Plan #1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference: Well Three Rivers Federal #35-44-720 WELL @ 4838.0ft (Original Well Elev) WELL @ 4838.0ft (Original Well Elev)

Survey Calculation Method: Minimum Curvature Output errors are at

2.00 sigma

USA EDM 5000 Multi Users DB Database:

Offset TVD Reference: Offset Datum

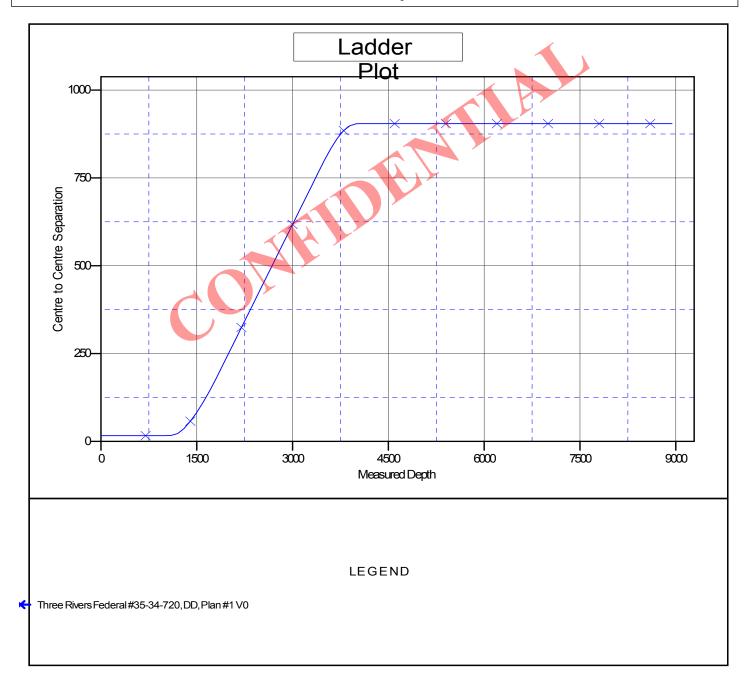
Reference Depths are relative to WELL @ 4838.0ft (Original Well Elev)

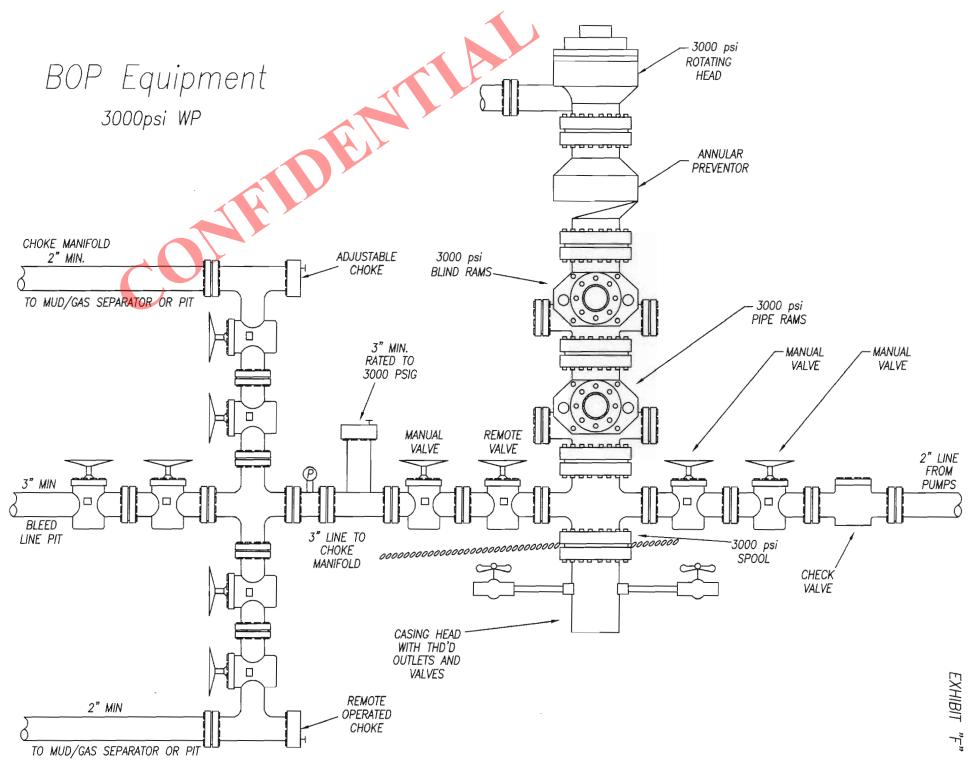
Offset Depths are relative to Offset Datum

Central Meridian is -111.500000°

Coordinates are relative to: Three Rivers Federal #35-44-720 Coordinate System is US State Plane 1983, Utah Northern Zone

Grid Convergence at Surface is: 1.23°





API Well Number: 43047530080000



2580 Creekview Road Moab, Utah 84532 435/719-2018

July 27, 2012

Mrs. Diana Mason State of Utah Division of Oil Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Axia Energy, LLC – **Three Rivers Federal 35-44-720**Surface Location: 1581' FSL & 2496' FEL, NW/4 SE/4, Section 35, T7S, R20E,
Target Location: 1584' FSL & 2204' FEL, NW/4 SE/4, Section 35, T7S, R20E,
SLB&M, Uintah County, Utah

Dear Diana:

Axia Energy, LLC respectfully submits this request for exception to spacing (R649-3-11) based on geology since the well is located less than 460 feet to the drilling unit boundary. Axia Energy, LLC is the only owner and operator within 460 feet of the surface and target location as well as all points along the intended well bore path and are not within 460 feet of any uncommitted tracts or a unit boundary.

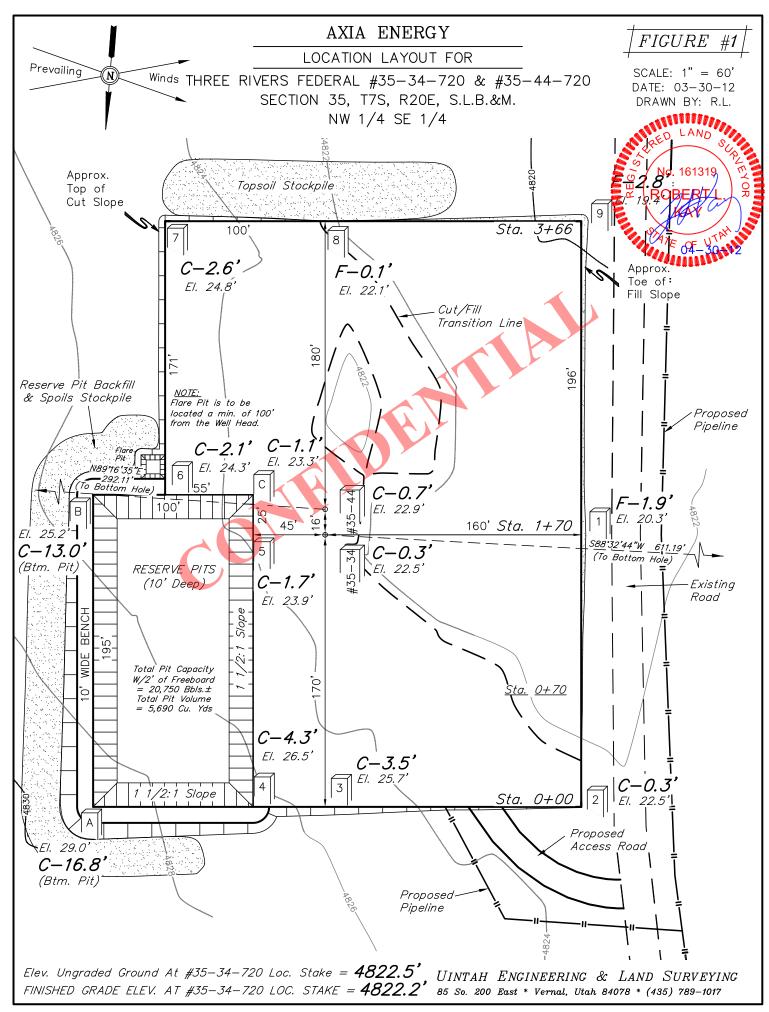
Thank you very much for your timely consideration of this application. Please feel free to contact Jess A. Peonio of Axia Energy, LLC at 720-746-5212 or myself should you have any questions or need additional information.

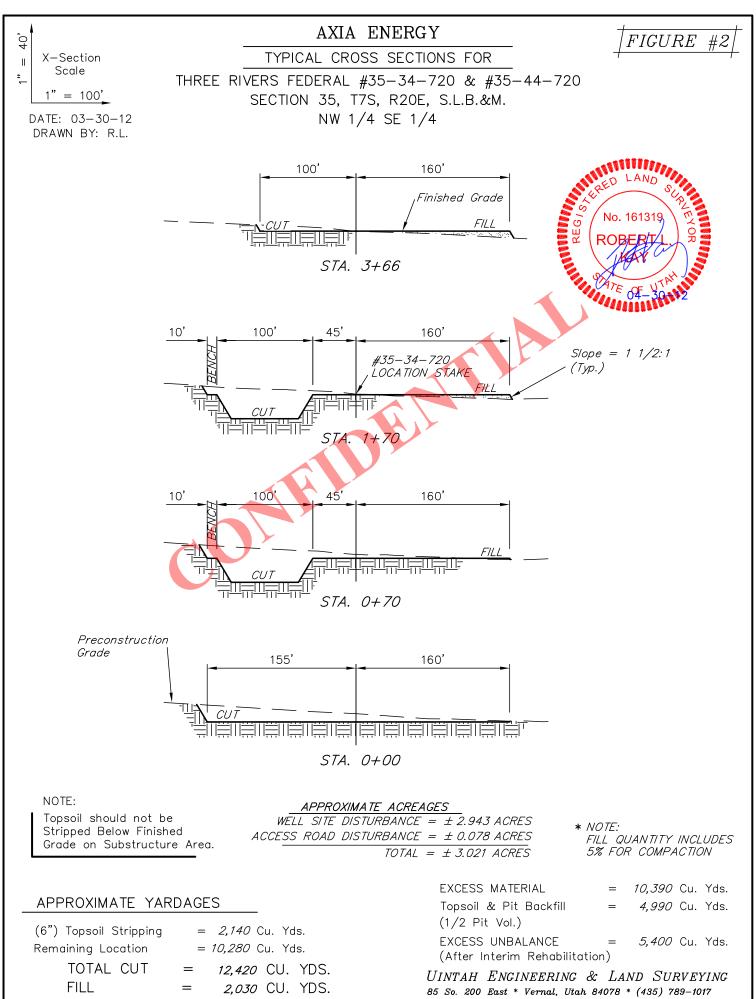
Sincerely,

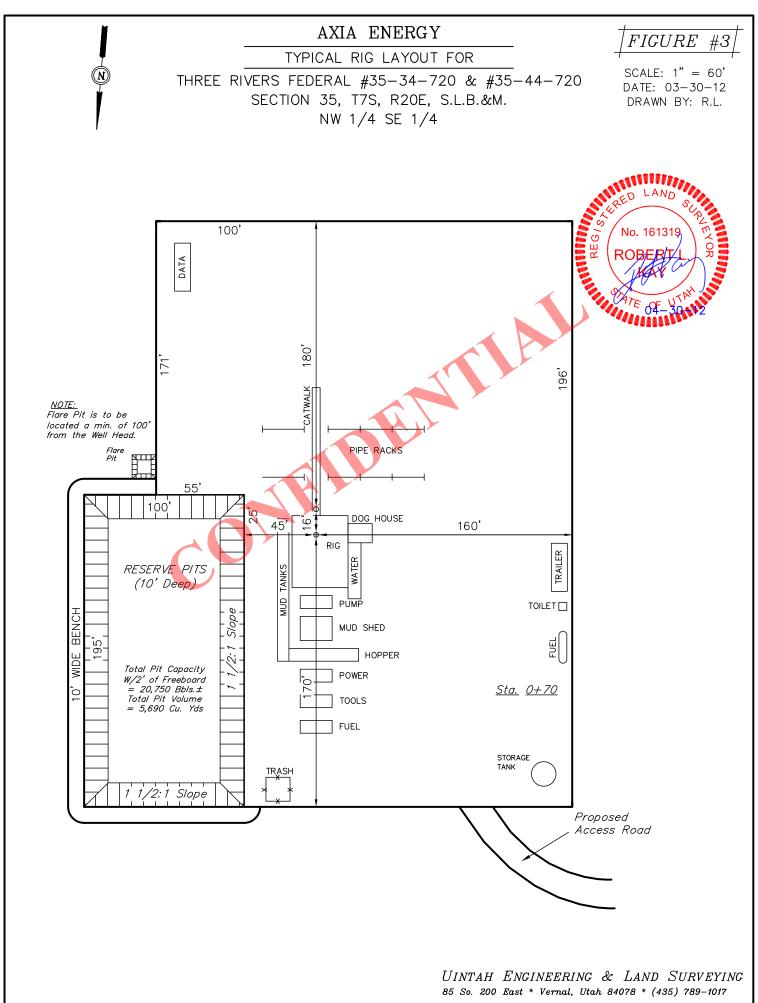
Don Hamilton

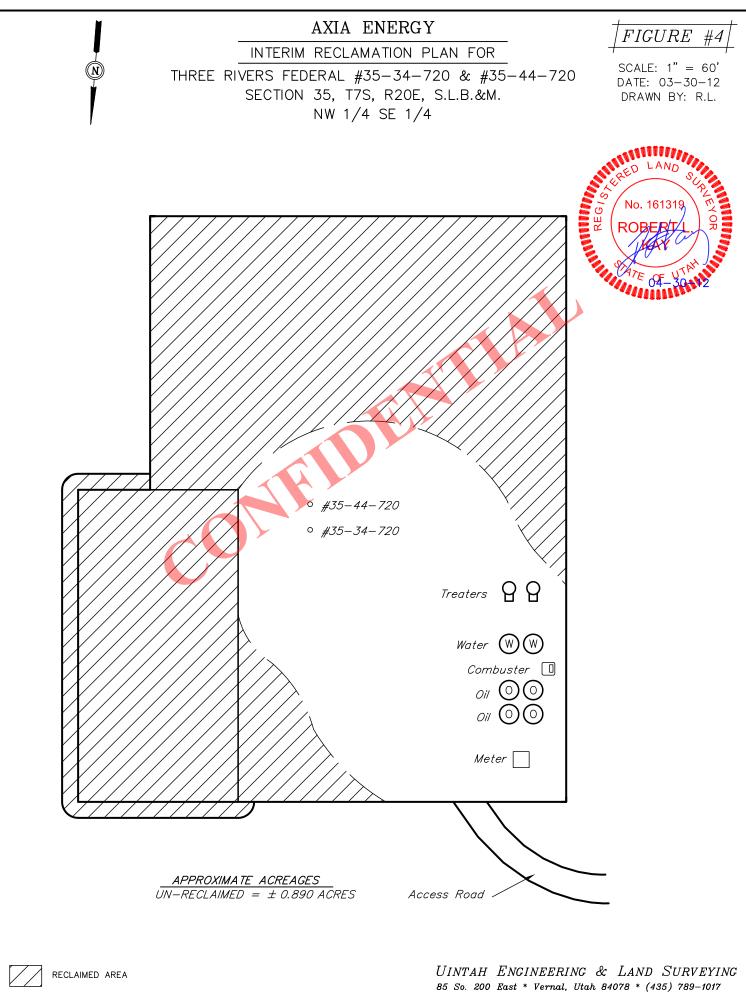
Agent for Axia Energy, LLC

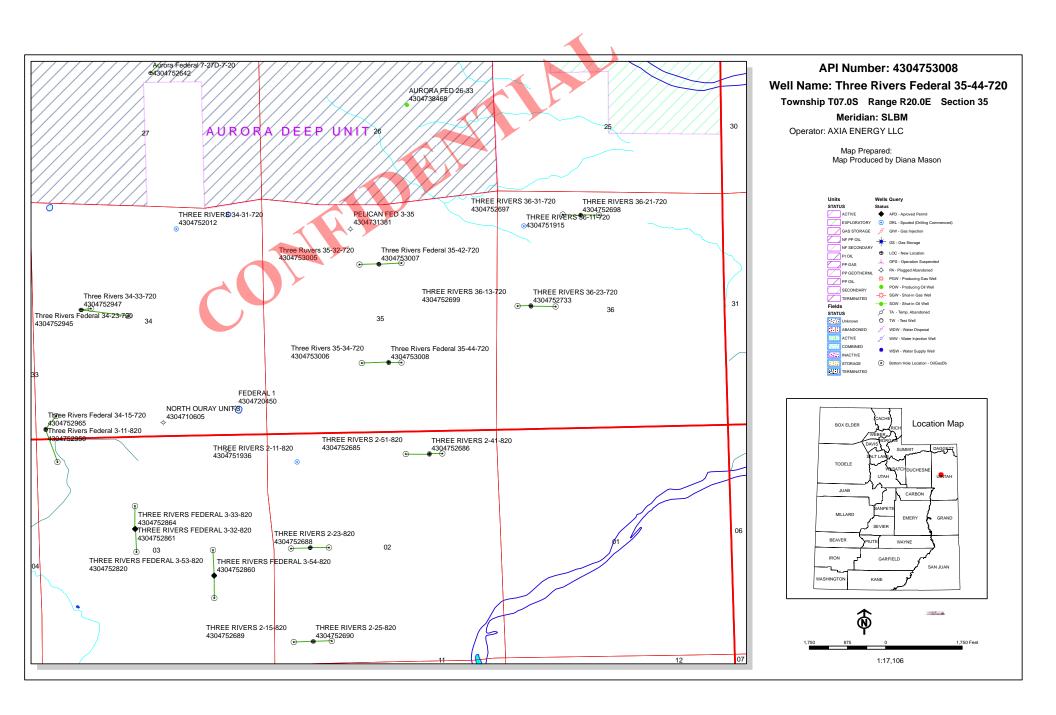
cc: Jess A. Peonio, Axia Energy, LLC











WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/26/2012 API NO. ASSIGNED: 43047530080000 WELL NAME: Three Rivers Federal 35-44-720

OPERATOR: AXIA ENERGY LLC (N3765) PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NWSE 35 070S 200E **Permit Tech Review:**

> **SURFACE:** 1581 FSL 2496 FEL **Engineering Review:**

> **BOTTOM:** 1584 FSL 2204 FEL Geology Review:

COUNTY: UINTAH

LATITUDE: 40.16356 LONGITUDE: -109.63527 UTM SURF EASTINGS: 616217.00 NORTHINGS: 4446804.00 FIELD NAME: UNDESIGNATED

LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-88623 PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 1 - Federal **COALBED METHANE: NO**

RECEIVED AND/OR REVIEWED:

✓ PLAT

Bond: FEDERAL - LPM9046683

Potash

Oil Shale 190-5

Oil Shale 190-3

Oil Shale 190-13

Water Permit: 49-2262 - RNI at Green River

RDCC Review:

Fee Surface Agreement

Intent to Commingle

Commingling Approved

LOCATION AND SITING:

R649-2-3.

Unit:

R649-3-2. General

R649-3-3. Exception

Drilling Unit

Board Cause No: R649-3-11

Effective Date:

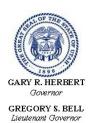
Siting:

R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - dmason

4 - Federal Approval - dmason 15 - Directional - dmason 23 - Spacing - dmason



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA Division Director

Permit To Drill

Well Name: Three Rivers Federal 35-44-720

API Well Number: 43047530080000

Lease Number: UTU-88623 Surface Owner: FEDERAL

Approval Date: 8/2/2012

Issued to:

AXIA ENERGY LLC, 1430 Larimer Ste 400, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled,

completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available) OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
 - Requests to Change Plans (Form 9) due prior to implementation
 - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
 - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas

Form 3160-3 (August 2007)

RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR JUL 2 7 2012

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

5. Lease Serial No. UTU88623

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER 6. If Indian, Allottee or Tribe Name REENTER DRILL la. Type of Work: ONFIDENTIA 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No. THREE RIVERS FEDERAL 35-44-720 ☐ Gas Well Other ☐ Singlé Zone Oil Well Multiple Zone 1b. Type of Well: 2. Name of Operator Contact: DON S HAMILTON 9. API Well No. AXIA ENERGY LLC E-Mail: starpoint@etv.net 43-047-53008 3a. Address 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 1430 LARIMER STREET SUITE #400 Ph: 435-719-2018 **UNDESIGNATED** Fx: 435-719-2019 DENVER, CO 80202 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T., R., M., or Blk, and Survey or Area At surface NWSE 1581FSL 2496FEL 40.163522 N Lat, 109.635350 W Lon Sec 35 T7S R20E Mer SLB SME: BLM At proposed prod. zone NWSE 1584FSL 2204FEL 40.163533 N Lat, 109.634306 W Lon 14. Distance in miles and direction from nearest town or post office* 12. County or Parish 13. State 26.8 MILES SOUTHWEST OF VERNAL, UTAH UT UINTÁH 15. Distance from proposed location to nearest property or 16. No. of Acres in Lease 17. Spacing Unit dedicated to this well lease line, ft. (Also to nearest drig. unit line, if any) 557.80 40.00 18. Distance from proposed location to nearest well, drilling, 19. Proposed Depth 20. BLM/BIA Bond No. on file completed, applied for, on this lease, ft. 8942 MD UTB000464 8927 TVD 21. Elevations (Show whether DF, KB, RT, GL, etc. 22. Approximate date work will start 23. Estimated duration 4823 GL 10/01/2012 60 DAYS 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form: 1. Well plat certified by a registered surveyor. Bond to cover the operations unless covered by an existing bond on file (see 2. A Drilling Plan. Item 20 above) A Surface Use Plan (if the location is on National Forest System Lands, the Operator certification SUPO shall be filed with the appropriate Forest Service Office). Such other site specific information and/or plans as may be required by the authorized officer. Name (Printed/Typed)
DON S HAMILTON Ph: 435-719-2018 25. Signature Date (Electronic Submission) 07/26/2012 Title PERMITTING AGENT Name (Printed/Typed) Approved by (Signature PEB 2 2 2013 Jerry Kenczka VERNAL FIELD OFFICE Office Assistant Field Manager Lands & Mineral Resources Application approval does not warrant or certify the applicant holds legal acquired title to those rehigns the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

Additional Operator Remarks (see next page)

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

Electronic Submission #144056 verified by the BLM Well Information System For AXIA ENERGY LLC, sent to the Vernal

MAR 0 1 2013

For AXIA ENERGY LLC, sent to the vertical Committed to AFMSS for processing by LESLIE ROBINSON on 08/06/2012 (12LBR0866

NOTICE OF APPROVAL



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

VERNAL. UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No:

Axia Energy, LLC.

Three Rivers Federal 35-44-720

43-047-53008

Location: Lease No:

NWSE, Sec. 35, T7S, R20E

UTU-88623

Agreement:

OFFICE NUMBER:

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horse power must not emit more than 2 grams of NOx per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 grams of NOx per horsepower-hour.
- The following would be used as standard operating procedures: Green completion or controlled VOC emissions methods with 90% efficiency for Oil or Gas Atmospheric Storage Tanks, VOC Venting controls or flaring, Glycol Dehydration and Amine Unites, Well Completion, Re-Completion, Venting, and Planned Blowdown Emissions.
- All vehicles and equipment shall be cleaned either through power-washing, or other approved
 method, if the vehicles or equipment were previously operated outside the Uinta Basin, to prevent
 weed seed introduction.
- Discovery Stipulation: Reinitiating of section 7 consultation with the USFWS will be sought immediately if any loss of plants or occupied habitat for Uinta Basin hookless cactus is anticipated as a result of project activities.
- No drilling or construction from March 01 August 31
- The best method to avoid entrainment is to pump from an off-channel location one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
 - do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;

2/19/2013

o limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 31); and

- o limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
- Screen all pump intakes with 3/32 inch mesh material.
- Approach velocities for intake structures will follow the National Marine Fisheries Service's
 document "Fish Screening Criteria for Anadromous Salmonids". For projects with an in-stream
 intake that operate in stream reaches where larval fish may be present, the approach velocity will
 not exceed 0.33 feet per second (ft/s).
- Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:

Northeastern Region 318 North Vernal Ave, Vernal, UT 84078

Phone: (435) 781-9453

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface.
- CBL will be run from TD to TOC.
- Cement for the surface casing will be circulated to the surface.
- Cement for long-string shall be circulated 200' above surface casing shoe.
- Variances Granted
 - All variances approved as written in APD

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily
 drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order
 No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a
 test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's
 log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 5 of 7 Well: Three Rivers Federal 35-44-720 2/19/2013

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is
 encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal
 Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall
 be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL
 to this office.
- Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written communication
 and must be received in this office by not later than the fifth business day following the date on
 which the well is placed on production. The notification shall provide, as a minimum, the following
 informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be

paid).

- o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
- o Unit agreement and/or participating area name and number, if applicable.
- o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be
 reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported
 verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will
 be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of
 Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
 suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
 obtained orally, but such approval does not waive the written report requirement.

Page 7 of 7

Well: Three Rivers Federal 35-44-720 2/19/2013

No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
equipment shall be removed from a well to be placed in a suspended status without prior approval
of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
 Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
 order that a representative may witness plugging operations. If a well is suspended or abandoned,
 all pits must be fenced immediately until they are backfilled. The "Subsequent Report of
 Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of
 the well bore, showing location of plugs, amount of cement in each, and amount of casing left in
 hole, and the current status of the surface restoration.

Sundry Number: 38037 API Well Number: 43047530080000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-88623
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: THREE RIVERS FED 35-44-720
2. NAME OF OPERATOR: AXIA ENERGY LLC			9. API NUMBER: 43047530080000
3. ADDRESS OF OPERATOR: 1430 Larimer Ste 400, De	nver, CO, 80202 720	PHONE NUMBER: 746-5200 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1581 FSL 2496 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNS	H IP, RANGE, MERIDIAN: 35 Township: 07.0S Range: 20.0E Mer	idian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPO	DRT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
7	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
11/15/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:			
	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show	all pertinent details including dates	, depths, volumes, etc.
	spectfully requests a one ye		
permit for the refere	enced well. This is the first	extension that has been	Utah Division of
	requested.		Oil, Gas and Mining
			Date: May 23, 2013
			By: Laggill
NAME (PLEASE PRINT) Don Hamilton	PHONE NUM 435 719-2018	BER TITLE Permitting Agent (Buys &	Associates, Inc)
SIGNATURE N/A		DATE 5/19/2013	

Sundry Number: 38037 API Well Number: 43047530080000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047530080000

API: 43047530080000

Well Name: THREE RIVERS FED 35-44-720

Location: 1581 FSL 2496 FEL QTR NWSE SEC 35 TWNP 070S RNG 200E MER S

Company Permit Issued to: AXIA ENERGY LLC

Date Original Permit Issued: 8/2/2012

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No
nature: Don Hamilton Date: 5/19/2013

Title: Permitting Agent (Buys & Associates, Inc) Representing: AXIA ENERGY LLC

RECEIVED: May. 19, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

اامW	name:	See Attached L	ist	_			
	number:	Occ / Madrica E					
	ation:	Qtr-Qtr:	Section:	Township:	Range:		
	pany that filed original application:	-	Star Point Enterprises				
	original permit was issued:		·				
Com	pany that permit was issued to:	Axia Energy, L	LC		,		
			30000				
heck		Des	ired Action:			-	
one)
	Transfer pending (unapproved) App	lication for Pe	ermit to Drill to ne	ew operator			
	The undersigned as owner with legal r	ights to drill on	the property, here	by verifies that the ir	nformation as	_	
	submitted in the pending Application for owner of the application accepts and a	or Permit to Dri	I, remains valid an	nd does not require re	evision. The n	new n	
√	Transfer approved Application for F	Permit to Drill t	o new operator				
	The undersigned as owner with legal r information as submitted in the previous revision.					;	
	· · · · · · · · · · · · · · · · · · ·						
			uliantian vehicle	hould be verified		Vac	Ma
	owing is a checklist of some items rel		plication, which s	should be verified.		Yes	No
	ated on private land, has the ownership	changed?	plication, which s	should be verified.		Yes	No.
f loc	ated on private land, has the ownership If so, has the surface agreement been	changed? updated?				Yes	No ✓
f loc	ated on private land, has the ownership	changed? updated?			iting	Yes	No.
f loc Have requ	ated on private land, has the ownership If so, has the surface agreement been any wells been drilled in the vicinity of	changed? updated? the proposed w	ell which would af	fect the spacing or s		Yes	No ✓
f loc lave equ lave prop	ated on private land, has the ownership If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? e there been any unit or other agreemen	changed? updated? the proposed w ts put in place t	ell which would af	fect the spacing or s e permitting or opera	ation of this	Yes	No.
Have requ Have prop Have	ated on private land, has the ownership If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? e there been any unit or other agreemen osed well? e there been any changes to the access	changed? updated? the proposed w ts put in place t	ell which would af	fect the spacing or s e permitting or opera	ation of this	Yes	No V
f loc	ated on private land, has the ownership If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? e there been any unit or other agreemen beed well? e there been any changes to the access beed location?	changed? updated? the proposed w ts put in place t route including changed?	ell which would af hat could affect th ownership or righ	fect the spacing or s e permitting or opera t-of-way, which could	ation of this	Yes	✓ ✓ ✓
Have requ Have prop Has Have blans	ated on private land, has the ownership If so, has the surface agreement been any wells been drilled in the vicinity of rements for this location? there been any unit or other agreement osed well? there been any changes to the access osed location? the approved source of water for drilling there been any physical changes to the	changed? updated? the proposed w ts put in place t route including changed? e surface location	ell which would af that could affect th ownership or right	fect the spacing or s e permitting or opera t-of-way, which could	ation of this	Yes	✓ ✓ ✓
Have requested the state of the	ated on private land, has the ownership If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? e there been any unit or other agreemen osed well? e there been any changes to the access osed location? the approved source of water for drilling there been any physical changes to the form what was discussed at the onsite	changed? updated? the proposed w ts put in place t route including changed? e surface location evaluation? pposed well? B a pending or apport amended Ap	ell which would af that could affect the ownership or right on or access route ond No.	fect the spacing or see permitting or operated to feet the spacing or operated to feet the space of the space	ation of this d affect the change in	ns fer	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
Have requested the state of the	ated on private land, has the ownership If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? The there been any unit or other agreemen beed well? The there been any changes to the access beed location? The approved source of water for drilling there been any physical changes to the form what was discussed at the onsite anding still in place, which covers this pro- desired or necessary changes to either a ld be filed on a Sundry Notice, Form 9, of	changed? updated? the proposed w ts put in place t route including changed? e surface location evaluation? pposed well? B a pending or apport amended Ap	ell which would af that could affect the ownership or right on or access route ond No.	fect the spacing or see permitting or operate-of-way, which could which will require a for Permit to Drill the to Drill, Form 3, as	ation of this d affect the change in hat is being tra	75 fer in 2013	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)	/												
The operator of the well(s) listed below has char	nged, et	ffective:		10/1/2013									
FROM: (Old Operator):	-			TO: (New Operator):									
N3765-Axia Energy, LLC				N4045-Ultra		10							
1430 Larimer Street, Suite 400				304 Inverness									
Denver, CO 80202				Englewood, C		Suite 293							
,				Lingie wood, C	000112								
Phone: 1 (720) 746-5200				Phone: 1 (303	3) 645-9810								
CA No.				Unit:	N/A								
WELL NAME	SEC	TWN I	RNG	API NO	ENTITY	LEASE	WELL	WELL					
					NO	TYPE	TYPE	STATUS					
See Attached List													
 1. (R649-8-10) Sundry or legal documentation was 2. (R649-8-10) Sundry or legal documentation was 3. The new company was checked on the Depart 4a. Is the new operator registered in the State of U 5a. (R649-9-2) Waste Management Plan has been re 	as recei ment o Jtah:	ived fror of Comm	n the ierce	NEW operato	r on: C <mark>orporations</mark>	12/16/2013 12/16/2013 8 Database or 8861713-014	- n:	1/14/2014					
5b. Inspections of LA PA state/fee well sites comp				N/A	_								
5c. Reports current for Production/Disposition & S				1/14/2014									
6. Federal and Indian Lease Wells: The BL			OIA h			alaa							
or operator change for all wells listed on Feder	al ar In	dian lag)174 II	as approved th		_	DIA						
7. Federal and Indian Units:	ai Oi III	iuiaii ica	SCS ()	11.	BLM	Not Yet	BIA	_					
	c .		0										
The BLM or BIA has approved the successor	of unit	t operato	or for	wells listed or	1:	N/A	_						
8. Federal and Indian Communization Ag													
The BLM or BIA has approved the operator						N/A	_						
9. Underground Injection Control ("UIC"	') Divi	ision ha	as ap	proved UIC I	Form 5 Tran	sfer of Auth	ority to						
Inject , for the enhanced/secondary recovery un DATA ENTRY:	it/proje	ect for th	ie wa	ter disposal we	ell(s) listed or	n:	N/A	-					
1. Changes entered in the Oil and Gas Database	on:			1/14/2014									
2. Changes have been entered on the Monthly Op	erator	Chang	e Spi	ead Sheet on	-	1/14/2014							
3. Bond information entered in RBDMS on:		_	-	1/14/2014	•		•						
4. Fee/State wells attached to bond in RBDMS on				1/14/2014	_								
5. Injection Projects to new operator in RBDMS of				N/A	_								
6. Receipt of Acceptance of Drilling Procedures for						1/14/2014							
7. Surface Agreement Sundry from NEW operator	on Fee	e Surface	e well	ls received on:	-	Yes							
BOND VERIFICATION:													
1. Federal well(s) covered by Bond Number:			-	22046400	_								
2. Indian well(s) covered by Bond Number:			_	22046400	_								
3a. (R649-3-1) The NEW operator of any state/fee					umber	22046398							
3b. The FORMER operator has requested a release	e of liat	bility fro	m the	eir bond on:	Not Yet								
LEASE INTEREST OWNER NOTIFIC	ATIO	N·											
4. (R649-2-10) The NEW operator of the fee wells			cted o	and informed b	w a letter fro	m the Divisio	n						
of their responsibility to notify all interest owner	s of thi	is change	e On.	and mitorifica (1/14/2014	ın ule Divisio	11						
COMMENTS:	o or mil	- Jimig	- 011.	<u> </u>	1/17/2014		-						

Well Name	Sec	TWN				Mineral Lease	Well Type	Well Status
THREE RIVERS 2-41-820	2	080S		4304752686		State	OW_	APD
THREE RIVERS 2-25-820	2	080S		4304752690		State	OW	APD
THREE RIVERS 36-21-720	36	070S	200E	4304752698		State	OW	APD
THREE RIVERS 36-13-720	36	070S	200E	4304752699		State	OW	APD
THREE RIVERS FEDERAL 3-54-82		080S	200E	4304752860		Federal	OW	APD
THREE RIVERS FEDERAL 3-33-82	+	080S	200E	4304752864		Federal	OW	APD
THREE RIVERS FED 35-34-720	35	070S	200E	4304753006		Federal	OW	APD
THREE RIVERS FED 35-42-720	35	070S	200E	4304753007	İ	Federal	OW	APD
THREE RIVERS FED 35-44-720	35	070S	200E	4304753008		Federal	OW	APD
Three Rivers 2-32-820	2	080S	200E	4304753274	1	State	OW	APD
Three Rivers 18-21-821	18	080S	210E	4304753276		Fee	OW	APD
Three Rivers 18-31-821	18	080S	210E	4304753277		Fee	OW	APD
Three Rivers 27-34-720	34	070S	200E	4304753278		Fee	OW	APD
Three Rivers 34-31T-720	34	070S	200E	4304753281		Fee	OW	APD
Three Rivers Federal 35-14-720	35	070S	200E	4304753553		Federal	OW	APD
Three Rivers Federal 35-13-720	35	070S	200E	4304753554		Federal	OW	APD
Three Rivers 7-34-821	7	080S	210E	4304753558		Fee	OW	APD
Three Rivers 7-23-821	7	080S	210E	4304753559		Fee	OW	APD
Three Rivers 7-21-821	7	080S		4304753560		Fee	OW	APD
Three Rivers 7-22-821	7	080S		4304753561		Fee	OW	APD
Three Rivers 7-12-821	7	080S		4304753562		Fee	OW	APD
Three Rivers 18-22-821	18	080S	210E	4304753620		Fee	OW	APD
Three Rivers 18-32-821	18	080S		4304753621	İ	Fee	OW	APD
Three Rivers D	16	080S		4304753702		State	WD	APD
Three Rivers Federal 4-41-820	4	080S		4304753911	i	Federal	OW	APD
Three Rivers Federal 4-42-820	4	080S	200E	4304753913		Federal	OW	APD
Three Rivers Federal 3-12-820	4	080S	200E	4304753914			OW	APD
Three Rivers Federal 34-42-720	35	070S		4304753915			OW	APD
Three Rivers Federal 34-43-720	35	070S		4304753916			OW OW	APD
Three Rivers Federal 35-12-720	35	070S		4304753917			OW	APD
Three Rivers Federal 35-43-720	35	070S		4304753918			OW OW	APD
Three Rivers Federal 35-442-720	35	070S		4304753919			OW OW	APD
Three Rivers Federal 35-21-720	35	070S		4304753943	-		ow ow	APD
Three Rivers Federal 35-11-720	35	070S		4304753944			ow ow	APD
Three Rivers 2-24-820	2	080S		4304753945			OW OW	APD
Three Rivers 2-223-820	2	080S		4304753946			ow ow	APD
Three Rivers 2-21-820	2	080S		4304753947			ow ow	APD
	2	080S		4304753948			ow	APD
Three Rivers 32-42-720	32	070S		4304753949			OW	APD
Three Rivers Federal 3-13-820	3	080S		4304753951			OW	APD
Three Rivers Federal 3-14-820	3	080S		4304753952			OW OW	APD
Three Rivers Federal 3-23-820	3	080S		4304753953	+		OW OW	
	3	080S		4304753954			OW OW	APD
	5	080S		4304753956			OW	APD
Three Rivers Federal 5-43-820	5	080S	1	4304753957				APD
Three Rivers Federal 5-42-820	5	080S		4304753957			OW	APD
Three Rivers Federal 5-11-820	5	080S			1		OW	APD
Three Rivers Federal 5-21-820	5	080S		4304754204			OW OW	APD
	8	080S		4304754205			OW	APD
	8	080S	-	4304754211	·		OW	APD
	3			4304754212			OW	APD
	3	0808	- 	4304754213			OW	APD
	_	080S		4304754214			OW	APD
	32	070S		4304752735			OW	DRL
THREE RIVERS FEDERAL 8-52-820		080S	-	4304752770			OW	DRL
	5	080S		4304752863			OW	DRL
	10	080S		4304752949	-		OW	DRL
	34	070S		4304752950			OW	DRL
	16	080S		4304753229			OW	DRL
Three Rivers 16-22-820	16	080S	200E	4304753230	18961	State	WC	DRL

1 1/14/2014

Three Rivers Federal 34-35-720	34	070S	200E	4304753282	10297	Federal	OW	DRL
Three Rivers Federal 34-25-720	34	070S	200E	4304753282		Federal	OW	DRL
Three Rivers Federal 10-32-820	10	080S	200E	4304753415		Federal	OW	DRL
Three Rivers Federal 10-31-820	10	080S	200E	4304753437		Federal	ow	DRL
Three Rivers 16-34-820	16	080S	200E	4304753472	19278	+	ow	DRL
Three Rivers 16-44-820	16	080S		4304753473	19268	 	OW	DRL
Three Rivers 16-11-820	16	080S		4304753474	19262	-	OW	DRL
Three Rivers 16-12-820	16	080S	200E	4304753475	19263		ow	DRL
Three Rivers 16-32-820	16	080S	200E	4304753494	19185		ow	DRL
Three Rivers 16-31-820	16	080S	200E	4304753495	19269		ow	DRL
Three Rivers 16-33-820	16	080S	_	4304753496	19161		OW	DRL
THREE RIVERS FED 10-30-820	10	080S		4304753555		Federal	ow	DRL
Three Rivers Federal 9-41-820	10	080S	_		-	Federal	OW	DRL
Three Rivers Federal 33-13-720	33	070S		4304753723	,	Federal	OW	DRL
Three Rivers Federal 33-12-720	33	070S		4304753724		Federal	OW	DRL
Three Rivers 32-3333-720	32	070S		4304753950	19251		ow	DRL
THREE RIVERS 36-11-720	36	070S		4304751915	18355	 	OW	P
THREE RIVERS 2-11-820	2	080S	-	4304751915	18354	· · · · · · · · · · · · · · · · · · ·	OW	P
THREE RIVERS 34-31-720	34	070S		4304751930	18326		OW	P
THREE RIVERS 16-42-820	16	080S	•	4304752012	18682	 	OW	P
THREE RIVERS 16-43-820	16	080S		÷	18683		OW	P
THREE RIVERS 16-41-820	16	080S		 	18356	-	OW	P
THREE RIVERS 2-51-820	2	080S		·	18941	 	OW	p
THREE RIVERS 2-13-820	2	080S		4304752687	19014			P
THREE RIVERS 2-13-820	2	080S			19014	 	OW	P
THREE RIVERS 2-15-820	2	080S	-			-	OW	ļ
THREE RIVERS 36-31-720	36	080S		4304752689	18770	 	OW	P
THREE RIVERS 32-25-720	32	070S		4304752697	19086		OW	P
THREE RIVERS 36-23-720	36	070S		4304752718	19033		OW	-
THREE RIVERS 32-33-720	32	070S	-	4304752733	18769 19016		OW	P P
THREE RIVERS 32-15-720	32	070S		4304752734	18767		OW OW	P
THREE RIVERS 32-15-720	32	070S	200E		18766			P
THREE RIVERS FEDERAL 8-53-820		080S					OW	P
THREE RIVERS FEDERAL 3-53-820						Federal	OW	P
THREE RIVERS FEDERAL 3-33-820		0808	_			Federal	OW	
		080S				Federal	OW	P
THREE RIVERS FEDERAL 5-56-820 THREE RIVERS FED 4-31-820	† .	080S				Federal	OW	P
	4	080S		4304752874			OW	P
THREE RIVERS 4-21-820 THREE RIVERS FED 34-23-720	4	080S		4304752875		<u> </u>	OW	P
	34	070S				Federal	OW	P
THREE RIVERS FED 10 41 820	34	070S	-			Federal	OW	P
THREE RIVERS FED 10-41-820	10	080S				Federal	OW	P
THREE RIVERS FED 34-15-720	34	070S		4304752965			OW	P
THREE RIVERS FED 35-32-720	35	070S		4304753005			OW	P
Three Rivers 16-23-820	16	080S			19037		OW	P
Three Rivers 16-24-820	16	080S	+		19038		OW	P
Three Rivers 2-33-820	2	080S		4304753273			OW	P
Three Rivers 4-33-820	4	080S		4304753528			OW	P
Three Rivers Federal 33-14-720	33	070S	1	4304753551			OW	P
Three Rivers Federal 4-32-820	4	080S		4304753552			OW	P
Three Rivers Federal 33-24-720	33	070S		4304753557			OW	P
Three Rivers 32-334-720	32	070S	-	4304753710			OW	P
Three Rivers 5-31-820	32	070S	-	4304753711			OW	P
Three Rivers Federal 33-11-720	32	070S		4304753733			OW	P
Three Rivers 32-32-720	32	070S			19087		OW	P
Three Rivers 32-333-720	32	070S	200E	4304753735	19088	Fee	OW	P

2 1/14/2014



Ultra Resources, Inc.

December 13, 2013

RECEIVED

DEC 1 6 2013

DIV. OF OIL, GAS & MINING

Division of Oil, Gas, and Mining 1594 West North Temple Salt Lake City, UT 84116 Attn: Rachel Medina

Re:

Transfer of Operator Three Rivers Project Area Uintah County, Utah

Dear Ms. Medina:

Pursuant to Purchase and Sale Agreement dated effective October 1, 2013 Ultra Resources, Inc. ("Ultra") assumed the operations of Axia Energy, LLC ("Axia") in the Three Rivers Area, Uintah County, Utah.

Accordingly, Ultra is submitting the following documents for your review and approval:

- 1) Request to Transfer Application or Permit to Drill for New, APD Approved & Drilled Wells
- 2) Request to Transfer Application or Permit to Drill APD Pending
- 3) Two Completed Sundry Notice and Reports on Wells Form 9 regarding Change of Operator executed by Ultra Resources, Inc. and Axia Energy, LLC
- 4) Statewide Surety Bond in the amount of \$120,000

As to all wells located on Fee Surface there are surface agreements in place. Ultra presently does not anticipate making any change in the drilling plans submitted by Axia.

Ultra has also submitted a Statewide Bond to the Bureau of Land Management. As soon as we receive the acknowledgement and approval by the BLM we will forward same to you for your files. A copy of our transfer letter and bond is attached for your reference.

Should you need any further information at this time, please call me direct at (303) 645-9865 or email msbalakas@ultrapetroleum.com.

2incerely,

Mary Sharon Balakas, CPL

Director of Land

cc: Cindy Turner, Axia Energy, LLC

STATE OF UTAH TMENT OF NATURAL RESOURCES

	DEPARTMENT OF NATURAL RESOL		
	DIVISION OF OIL, GAS AND M	IINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
SUNDR	RY NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to dril drill horizonta	II new wells, significantly deepen existing wells below out laterals. Use APPLICATION FOR PERMIT TO DRILL	urrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT or CA AGREEMENT NAME:
TYPE OF WELL OIL WEL			8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:			See Attached Well List
Ultra Resources, Inc.	14 045		9. API NUMBER:
ADDRESS OF OPERATOR: 304 Inverness Way South C	ITY Englewood STATE CO	PHONE NUMBER: (303) 645-9810	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL			
FOOTAGES AT SURFACE: See /	Attached		соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN:		STATE: UTAH
11. CHECK APP	PROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	RT OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	AN, ON O MERCENTA
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
10/1/2013	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of Work Completion.	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR C	COMPLETED OPERATIONS. Clearly show all p	pertinent details including dates, depths, volume	es, etc.
EFFECTIVE DATE: Octo		, , , , , , , , , , , , , , , , , , , ,	
FROM:	., 20.0		
Axia Energy, LLC			
1430 Larimer Street Suite 400			
Denver, CO 80202			received
Bond Number: Blanket St	tatewide UT State/Fee Bond LPN	1 9046682	
TO:			DEC 16 2013
Ultra Resources, Inc. 304 Inverness Way South	1		\$ 215U5U6
Englewood, CO _80112	•		DIV, OF OIL, GAS & MINIPLE
Bond Number: _DOGN	7-0330412398		
Ultra Resources, Inc. will leased lands.	be responsible under the terms a	nd conditions of the leases/wells t	for the operations conducted on the
icased larius.			
NAME (PLEASE PRINT) Mary Sha	ron Balakas	TITLE Attorney in Fact	
SIGNATURE Mary D	harm Brekes	DATE /2/11/1	3
,			ROVED
his space for State use only)		w usas (3 (3	CI RABLE MED

JAN 16 2013

DIV. OIL GAS & MINING BY: Rachel Medina

ATTACHMENT TO FORM 9 CHANGE OF OPERATOR

AXIA ENERGY TO ULTRA RESOUR	CES EFFECTIVE 10-01-2013												
	Axia Well Name									State	Actual	Γ	Date
State Well Name	(for database sort	1					Mineral	Surface	Well	Well	Status @		Apprvd
List downloaded 12-10-13	and consistency)	Sec	TWN	RNG	API Number	Entity	Lease	Lease	Туре	Status	12/12/13	Submitted	DOGM
THREE RIVERS 2-11-820	Three Rivers 02-11-820	2	0805	200E	4304751936	18354	State	State	ow	Р	Р		
THREE RIVERS 2-13-820	Three Rivers 02-13-820		0805	200E	4304752687			State	ow	DRL	Р		08/27/1
THREE RIVERS 2-15-820	Three Rivers 02-15-820		0805	200E	4304752689		State	State	ow	Р	Р		
Three Rivers 2-21-820	Three Rivers 02-21-820	_	0805	200E	4304753947		State	State	ow	APD	APRVD		10/15/1
Three Rivers 2-223-820	Three Rivers 02-223-820		0805	200E	4304753946		State	<u>State</u>	ow	APD	APRVD		10/15/1
Three Rivers 2-22-820	Three Rivers 02-22-820	-	0805	200E	4304753948		State	State	ow	APD	APRVD		10/15/1
THREE RIVERS 2-23-820	Three Rivers 02-23-820		0805	200E	4304752688	19015		State	ow	DRL	Р		08/27/1
Three Rivers 2-24-820	Three Rivers 02-24-820	_	0805	200E	4304753945		State	State	ow	APD	APRVD		10/15/1
THREE RIVERS 2-25-820	Three Rivers 02-25-820	_	0805	200E	4304752690		State	State	ow	APD	APRVD		08/27/1
Three Rivers 2-32-820	Three Rivers 02-32-820	_	0805	200E	4304753274		State	State	ow	APD	APRVD		12/11/1
Three Rivers 2-33-820	Three Rivers 02-33-820	_	0805	200E	4304753273	-		State	ow	Р	Р	1 1 2 41	
THREE RIVERS 2-41-820 THREE RIVERS 2-51-820	Three Rivers 02-41-820	1	0805	200E	4304752686		State	State	ow	APD	APRVD		08/27/1
	Three Rivers 02-51-820	$\overline{}$	0805	200E	4304752685	18941		State	ow	P	Р	\ ;	
Three Rivers 4-13-820	Three Rivers 04-13-820		0805	200E	4304753956	10100	Fee	Federal	ow	APD	PERPEND	08/19/13	
THREE RIVERS 4-14-820 Three Rivers 4-33-820	Three Rivers 04-14-820	_	2080	200E	4304752863	_	Fee	Federal	low	DRL	Р		
Three Rivers 5-31-820	Three Rivers 04-33-820	-	0805	200E	4304753528			Fee	ow	DRL	Р		
Three Rivers 7-12-821	Three Rivers 05-31-820	-	0705	200E	4304753711	19068		Fee	ow	DRL	Р		
Three Rivers 7-21-821	Three Rivers 07-12-821	_	0805	210E	4304753562		Fee	Fee	ow	APD	PERPEND	04/15/13	
Three Rivers 7-22-821	Three Rivers 07-21-821 Three Rivers 07-22-821	_	0805	210E	4304753560	-	Fee	Fee	ow	APD	PERPEND	04/15/13	
Three Rivers 7-23-821	Three Rivers 07-23-821	-	080S 080S	210E	4304753561		Fee	Fee	ow	APD	PERPEND	04/15/13	
Three Rivers 7-34-821	Three Rivers 07-23-821	_	0805	210E	4304753559 4304753558	_	Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 16-11-820	Three Rivers 16-11-820	_	0805	210E 200E			Fee	Fee	OW	APD	PERPEND	04/15/13	00/
Three Rivers 16-12-820	Three Rivers 16-12-820		080S	200E	4304753474 4304753475			State	ow	DRL	SCS		03/12/13
Three Rivers 16-21-820	Three Rivers 16-21-820	-		200E	4304753229			State State	 -	DRL DRL	SCS P		03/12/1
Three Rivers 16-22-820	Three Rivers 16-22-820	_		200E	4304753229			State	ow	DRL	P		12/11/12
Three Rivers 16-23-820	Three Rivers 16-23-820			200E	4304753230			State	_	DRL	P		12/11/12
Three Rivers 16-24-820	Three Rivers 16-24-820		-	200E	4304753232			State	-	P	P	14 14 14	12/11/1
Three Rivers 16-31-820	Three Rivers 16-31-820			200E	4304753495		State	State		APD	ccs		02/12/11
Three Rivers 16-32-820	Three Rivers 16-32-820		_	200E	4304753494			State		DRL			03/12/13
Three Rivers 16-33-820	Three Rivers 16-33-820		_	200E	4304753496			State	-	DRL	woc woc		03/12/13
Three Rivers 16-34-820	Three Rivers 16-34-820	_	0805	200E	4304753472		State	State		APD	CCS		03/12/13
THREE RIVERS 16-41-820	Three Rivers 16-41-820	_	-	200E	4304752110			State		P	p p		03/12/13
THREE RIVERS 16-42-820	Three Rivers 16-42-820	_		200E	4304752056	ightharpoonup		State	ow	D	P P		
THREE RIVERS 16-43-820	Three Rivers 16-43-820	_	_	200E	4304752057			State	-	P	P P		10 A A A A A A A A A A A A A A A A A A A
Three Rivers 16-44-820	Three Rivers 16-44-820			200E	4304753473		State	State		APD	ccs		03/12/13
Three Rivers 18-21-821	Three Rivers 18-21-821	 	_	210E	4304753276			Fee	-	APD	PERPEND	12/17/12	03/12/13
Three Rivers 18-22-821	Three Rivers 18-22-821		-	210E	4304753620		Fee	Fee			PERPEND	04/15/13	
Three Rivers 18-31-821	Three Rivers 18-31-821			210E	4304753277		Fee	Fee			PERPEND	12/19/12	
Three Rivers 18-32-821	Three Rivers 18-32-821			210E	4304753621			Fee			PERPEND	04/15/13	
Three Rivers 27-34-720	Three Rivers 27-34-720		$\overline{}$	200E	4304753278			Fee			PERPEND	12/19/12	
THREE RIVERS 32-15-720	Three Rivers 32-15-720		$\overline{}$	200E	4304752736			Fee		P P	P	12/13/12	
THREE RIVERS 32-25-720	Three Rivers 32-25-720	-		200E	4304752718			Fee			P		
Three Rivers 32-32-720	Three Rivers 32-32-720			200E	4304753734				-	DRL	P		06/12/13
Three Rivers 32-3333-720	Three Rivers 32-3333-720	_		200E	4304753950	\rightarrow		Fee	_		scs	110	10/15/13
Three Rivers 32-333-720	Three Rivers 32-333-720	32	705	200E	4304753735				-		P		06/12/13
Three Rivers 32-334-720	Three Rivers 32-334-720	32 (705	200E	4304753710			Fee			P		05/22/13
THREE RIVERS 32-33-720	Three Rivers 32-33-720	32 (705	200E	4304752734	19016	Fee	Fee	_	DRL	P		08/29/12
HREE RIVERS 32-34-720	Three Rivers 32-34-720		705		4304752735				_		DRLG		08/29/12
THREE RIVERS 32-35-720	Three Rivers 32-35-720	32 0	705	200E	4304752737	18766	Fee	Fee		P	P	1000	55,05,55
Three Rivers 32-42-720	Three Rivers 32-42-720	32 (70S	200E	4304753949	1	Fee	Fee	ow .	APD	APRVD	7.5	10/15/13
HREE RIVERS 34-31-720	Three Rivers 34-31-720	34 (705	200E	4304752012	18326	Fee	Fee	ow	Р	P	Para National	
hree Rivers 34-31T-720	Three Rivers 34-31T-720	34 (705	200E	4304753281	-	Fee	Fee	ow .	APD .	APRVD	entre de la companie	12/11/12
HREE RIVERS 36-11-720	Three Rivers 36-11-720	36 0	705	200E	4304751915	18355	State	State	ow	Р	P	u 11 yr 1214gy	100
HREE RIVERS 36-13-720	Three Rivers 36-13-720	36 0	70S	200E	4304752699	9	State	State	ow ,	APD ,	APRVD	, 15 mm - 5	08/29/12
HREE RIVERS 36-21-720	Three Rivers 36-21-720	360	70S	200E	4304752698	19	State	State	ow /	APD ,	APRVD	1.141.4	08/29/12
HREE RIVERS 36-23-720	Three Rivers 36-23-720	360	705	200E	4304752733	18769	State	State	ow	P	P	3. 2. 2. 3.	1. 19.
HREE RIVERS 36-31-720	Three Rivers 36-31-720	360	705	200E	4304752697	19086	State	State	ow	DRL I	P	475 4.	08/29/12
hree Rivers D	Three Rivers D	160	80S 2	200E	4304753702						APRVD		07/15/13
HREE RIVERS FED 3-11-820	Three Rivers Fed 03-11-820	34 0	70S 2		4304752950	19184					woc	1 11 11 11	02/22/13
hree Rivers Federal 3-12-820	Three Rivers Fed 03-12-820	4 0	80S 2		4304753914						APRVD	11,741	08/01/13
hree Rivers Federal 3-13-820	Three Rivers Fed 03-13-820	3 0			4304753951	$\overline{}$					PERPEND	08/12/13	-3,01,13
hree Rivers Federal 3-14-820	Three Rivers Fed 03-14-820				4304753952	_			\rightarrow		PERPEND	08/12/13	
hree Rivers Federal 3-23-820	Three Rivers Fed 03-23-820			_	4304753953						PERPEND	08/12/13	7 1 NA
	Three Rivers Fed 03-24-820				4304753954						PERPEND	08/12/13	
	Three Rivers Fed 03-32-820	$\overline{}$			4304752861					· F	,	08/12/13	
	Three Rivers Fed 03-33-820	$\overline{}$		$\overline{}$	4304752864						APRVD		12/24/12
										- 1			,,
	Three Rivers Fed 03-53-820	3 0	80S 2	200E	4304752820	19104 F	ederal I	Federal	ow [ORL F	,		12/24/12

Page 1 of 2 12/11/2013 2:02 PM

ATTACHMENT TO FORM 9 CHANGE OF OPERATOR

AXIA ENERGY TO ULTRA RESOURCE	ES EFFECTIVE 10-01-2013												
	Axia Well Name	7			l i	T			T	State	Actual		Date
State Well Name	(for database sort		•				Mineral	Surface	Well	Well	Status @		Apprvd
List downloaded 12-10-13	and consistency)	Sec	TWN	RNG	API Number	Entity	Lease	Lease	Туре	Status	12/12/13	Submitted	DOGM
THREE RIVERS 4-21-820	Three Rivers Fed 04-21-820	4	0805	200E	4304752875	19048	Federal	Fee	ow	DRL	р		02/22/13
THREE RIVERS FED 4-31-820	Three Rivers Fed 04-31-820	4	0805	200E	4304752874		Federal	Fee	low	DRL	Ρ	 	02/22/13
Three Rivers Federal 4-32-820	Three Rivers Fed 04-32-820	4	0805	200E	4304753552	19168	Federal	Fee	ow	DRL	P		08/26/13
Three Rivers Federal 4-41-820	Three Rivers Fed 04-41-820	4	080\$	200E	4304753911		Federal	Federal	ow	APD	APRVD		08/01/13
Three Rivers Federal 4-42-820	Three Rivers Fed 04-42-820	4	0805	200E	4304753913		Federal	Federal	ow	APD	APRVD		08/01/13
Three Rivers Federal 5-11-820	Three Rivers Fed 05-11-820	_	0805	200E	4304754204	_	Federal	Federal	ow	NEW	PERPEND	12/03/13	
Three Rivers Federal 5-21-820	Three Rivers Fed 05-21-820	5	0805	200E	4304754205		Federal	Federal	ow	NEW	PERPEND	12/03/13	
Three Rivers Federal 5-42-820	Three Rivers Fed 05-42-820	5	0805	200E	4304753958		Federal	Federal	ow	APD	PERPEND	08/19/13	
Three Rivers Federal 5-43-820	Three Rivers Fed 05-43-820	_	0805	200E	4304753957		Federal	Federal	ow	APD	PERPEND	08/19/13	
THREE RIVERS FEDERAL 5-56-820	Three Rivers Fed 05-56-820	5	080S	200E	4304752862	18993		Federal	ow	P	P	00/13/13/	
THREE RIVERS FEDERAL 8-52-820	Three Rivers Fed 08-52-820	8	080S	200E	4304752770			Federal	ow	DRL	P		02/22/13
THREE RIVERS FEDERAL 8-53-820	Three Rivers Fed 08-53-820	-	0805	200E	4304752771		Federal	Federal	ow	P	P		02/22/13
Three Rivers Federal 9-41-820	Three Rivers Fed 09-41-820	1 -	0805	200E	4304753556		Federal	Federal	ow	DRL	P		08/20/13
THREE RIVERS FED 10-30-820	Three Rivers Fed 10-30-820	_	0805	200E	4304753555			Federal	ow	DRL	P		08/20/13
Three Rivers Federal 10-31-820	Three Rivers Fed 10-31-820		0805	200E	4304753437	13103	Federal	Federal	ow	APD	ccs		08/21/13
Three Rivers Federal 10-32-820	Three Rivers Fed 10-32-820		0805	200E	4304753415	-	Federal	Federal	ow	APD	ccs		08/21/13
THREE RIVERS FED 10-41-820	Three Rivers Fed 10-41-820		0805	200E	4304752948	19137		Federal		DRL	P		02/22/13
THREE RIVERS FED 10-42-820	Three Rivers Fed 10-42-820	_	0805	200E	4304752949	13137	Federal	Federal	ow	APD	APRVD		02/22/13
Three Rivers Federal 33-11-720	Three Rivers Fed 33-11-720	_	070S	200E	4304753733	19109		Fee	ow	DRL	P		07/17/13
Three Rivers Federal 33-12-720	Three Rivers Fed 33-12-720	_	070S	200E	4304753724			Fee		DRL	woc		09/16/13
Three Rivers Federal 33-13-720	Three Rivers Fed 33-13-720		0705	200E	4304753723		Federal			DRL	woc		09/16/13
Three Rivers Federal 33-14-720	Three Rivers Fed 33-14-720	-	070S	200E	4304753551					DRL	P		09/16/13
Three Rivers Federal 33-24-720	Three Rivers Fed 33-24-720	-	070S	200E	4304753557	$\overline{}$	Federal			DRL	P		07/09/13
THREE RIVERS FED 34-15-720	Three Rivers Fed 34-15-720		070S	200E	4304752965					P	P	2,787	07/03/13
THREE RIVERS FED 34-23-720	Three Rivers Fed 34-23-720	_	0705	200E	4304752945		Federal			DRL	P		02/12/13
Three Rivers Federal 34-25-720	Three Rivers Fed 34-25-720	_	0705	200E	4304753283				_	APD	APRVD	3 3 3 3 3	
THREE RIVERS FED 34-33-720	Three Rivers Fed 34-33-720	-	0705	200E	4304752947				_	DRL	P	9 N 9 N 198	06/10/13
Three Rivers Federal 34-35-720	Three Rivers Fed 34-35-720	-	0705	200E	4304753282					APD	APRVD		02/22/13
Three Rivers Federal 34-42-720	Three Rivers Fed 34-42-720			200E	4304753915		Federal		• • •	APD	APRVD		06/10/13
Three Rivers Federal 34-43-720	Three Rivers Fed 34-43-720			200E	4304753916		Federal				APRVD		08/01/13
Three Rivers Federal 35-11-720	Three Rivers Fed 35-11-720	_		200E	4304753914		Federal			APD	PERPEND	07/25/42	08/01/13
Three Rivers Federal 35-12-720	Three Rivers Fed 35-12-720	_		200E	4304753917		Federal		$\overline{}$	APD		07/25/13	00/04/43
Three Rivers Federal 35-13-720	Three Rivers Fed 35-13-720		_	200E	4304753554						APRVD		08/01/13
Three Rivers Federal 35-14-720	Three Rivers Fed 35-14-720			200E	4304753553		Federal	-		APD	APRVD		08/20/13
Three Rivers Federal 35-21-720	Three Rivers Fed 35-21-720		$\overline{}$	200E			Federal			APD	APRVD		08/22/13
THREE RIVERS FED 35-32-720	Three Rivers Fed 35-32-720	\longrightarrow		200E	4304753943		Federal			APD	PERPEND	07/25/13	
THREE RIVERS FED 35-32-720	Three Rivers Fed 35-34-720	-			4304753005						APRVD		02/22/13
THREE RIVERS FED 35-42-720		_		200E	4304753006						APRVD		02/22/13
Three Rivers Federal 35-43-720	Three Rivers Fed 35-42-720	-		200E	4304753007			<u> </u>			APRVD		02/22/13
Three Rivers Federal 35-43-720	Three Rivers Fed 35-43-720			200E	4304753918				\longrightarrow		APRVD		08/01/13
THREE RIVERS FED 35-44-720	Three Rivers Fed 35-442-720		_	200E	4304753919				$\overline{}$		APRVD		08/01/13
Three Rivers Fed 03-34-820	Three Rivers Fed 35-44-720		_	200E	4304753008		Federal	Federal			APRVD		02/22/13
<u> </u>	Three Rivers Fed 03-34-820		\rightarrow	200E			Federal				SUB	12/10/13	
Three Rivers Fed 03-44-820	Three Rivers Fed 03-44-820		\rightarrow	200E			Federal		 +		SUB	12/10/13	
Three Rivers Fed 08-31-820	Three Rivers Fed 08-31-820	-		200E		-	Federal				SUB	12/07/13	
Three Rivers Fed 08-41-820	Three Rivers Fed 08-41-820	9[0	080S	200E			Federal			NA	SUB	12/07/13	

Page 2 of 2 12/11/2013 2:02 PM

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OU. CAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: See Attached Well List
2. NAME OF OPERATOR: Axia Energy, LLC N37165	9. API NUMBER:
3. ADDRESS OF OPERATOR: 1430 Larimer Street, Ste 400 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (720) 746-5200	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached	соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE:
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPOR	UTAH
TVDF OF CURVICOUS.	RI, OR OTHER DATA
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 10/1/2013 CHANGE TO PREVIOUS PLANS CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE DEEPEN PRACTURE TREAT NEW CONSTRUCTION NEW CONSTRUCTION PROPERATOR CHANGE PLUG AND ABANDON PRODUCTION (STARTI/RESUME) RECOMPLETE - DIFFERENT FORMATION	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER:
EFFECTIVE DATE: October 1, 2013 FROM: Axia Energy, LLC 1430 Larimer Street Suite 400 Denver, CO 80202 Bond Number: Blanket Statewide UT State/Fee Bond LPM9046682 TO: Ultra Resources, Inc.	RECEIVED DEC 1 6 2013 DIV. OF OIL, GAS & MINING
NAME (PLEASE PRINT) Daniel G. Blanchard SIGNATURE SIGNATURE DATE 12 11 13	

APPROVED

JAN 16 2013

ATTACHMENT TO FORM 9 CHANGE OF OPERATOR AXIA ENERGY TO ULTRA RESOURCES EFFECTIVE 10-01-2013

AXIA ENERGY TO ULTRA RESOURCE	CES EFFECTIVE 10-01-2013												
	Axia Well Name	T		T					T	State	Actual		Date
State Well Name	(for database sort	ł					Mineral	Surface	Well	Well	Status @		Apprvd
List downloaded 12-10-13	and consistency)		TWN	-		Entity		Lease	Type		12/12/13	Submitted	DOGM
THREE RIVERS 2-11-820 THREE RIVERS 2-13-820	Three Rivers 02-11-820 Three Rivers 02-13-820		0805	200E	4304751936	-	+	State	ow	P	P	1	
THREE RIVERS 2-15-820	Three Rivers 02-13-820 Three Rivers 02-15-820	+	0805	200E 200E	4304752687 4304752689		+	State	low	DRL	Ρ	3	08/27/17
Three Rivers 2-21-820	Three Rivers 02-21-820		0805	200E	4304753947	18//0	State	State State	low	P APD	APRVD	3	10/15/1
Three Rivers 2-223-820	Three Rivers 02-223-820		0805	200E	4304753946		State	State	ow	APD	APRVD	4	10/15/13
Three Rivers 2-22-820	Three Rivers 02-22-820		0805	200E	4304753948		State	State	ow	APD	APRVD	3	10/15/13
THREE RIVERS 2-23-820	Three Rivers 02-23-820	-+	0805	200E	4304752688			State	ow	DRL	P		08/27/12
Three Rivers 2-24-820	Three Rivers 02-24-820	_	0805	200E	4304753945		State	State	ow	APD	APRVD	8	10/15/13
THREE RIVERS 2-25-820	Three Rivers 02-25-820	2	0805	200E	4304752690		State	State	ow	APD	APRVD	64	08/27/12
Three Rivers 2-32-820	Three Rivers 02-32-820	2	0805	200E	4304753274		State	State	ow	APD	APRVD	10	12/11/12
Three Rivers 2-33-820	Three Rivers 02-33-820	2	080S	200E	4304753273	18943	State	State	ow	Р	Р	i	
THREE RIVERS 2-41-820	Three Rivers 02-41-820	2	080S	200E	4304752686		State	State	ow	APD	APRVD	a	08/27/12
THREE RIVERS 2-51-820	Three Rivers 02-51-820	2	0805	200E	4304752685	18941	State	State	ow	Р	Р	3	
Three Rivers 4-13-820	Three Rivers 04-13-820		080S	200E	4304753956		Fee	Federal	ow	APD	PERPEND	08/19/13	1.0
THREE RIVERS 4-14-820	Three Rivers 04-14-820		0805	200E	4304752863			Federal	ow	DRL	Р	3	
Three Rivers 4-33-820	Three Rivers 04-33-820	$\overline{}$	0805	200E	4304753528			Fee	ow	DRL	Р	ا ما	
Three Rivers 5-31-820	Three Rivers 05-31-820		0705	200E	4304753711	19068		Fee	low	DRL	Р		
Three Rivers 7-12-821	Three Rivers 07-12-821		0805	210E	4304753562		Fee	Fee	OW	APD	PERPEND	04/15/13	~
Three Rivers 7-21-821 Three Rivers 7-22-821	Three Rivers 07-21-821	_	0805	210E	4304753560		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 7-23-821	Three Rivers 07-22-821 Three Rivers 07-23-821	$\overline{}$	080S 080S	210E 210E	4304753561		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 7-34-821	Three Rivers 07-23-821 Three Rivers 07-34-821	_	0805	210E	4304753559 4304753558		Fee Fee	Fee Fee	ow	APD APD	PERPEND PERPEND	04/15/13	<u>, 7</u>
Three Rivers 16-11-820	Three Rivers 16-11-820	_	0805	200E	4304753474			State	low	DRL	SCS	04/15/13	
Three Rivers 16-12-820	Three Rivers 16-12-820	_	0805	200E	4304753475			State	low	DRL	SCS	- 3	03/12/13 03/12/13
Three Rivers 16-21-820	Three Rivers 16-21-820	_	0805	200E	4304753229			State	low	DRL	P P	5	12/11/12
Three Rivers 16-22-820	Three Rivers 16-22-820	_	0805	200E	4304753230			State	ow	DRL	P	4	12/11/12
Three Rivers 16-23-820	Three Rivers 16-23-820	_	0805	200E	4304753231			State	_	DRL	P	7	12/11/12
Three Rivers 16-24-820	Three Rivers 16-24-820	_	080S	200E	4304753232			State	ow	P	Р	8	1-, 11, 12
Three Rivers 16-31-820	Three Rivers 16-31-820	16	080S	200E	4304753495		State	State	ow	APD	CCS	á	03/12/13
Three Rivers 16-32-820	Three Rivers 16-32-820	16	0805	200E	4304753494	19185	State	State	OW	DRL	woc	30	03/12/13
Three Rivers 16-33-820	Three Rivers 16-33-820	16	080S	200E	4304753496	19161	State	State	ow	DRL	woc	1	03/12/13
Three Rivers 16-34-820	Three Rivers 16-34-820	16	0805	200E	4304753472		State	State	ow	APD	ccs	2	03/12/13
THREE RIVERS 16-41-820	Three Rivers 16-41-820	+		200E	4304752110			State	ow	Р	Ρ	3	
THREE RIVERS 16-42-820	Three Rivers 16-42-820	+ -	080S	200E	4304752056			State	ow	Р	Р	4	12 325
THREE RIVERS 16-43-820	Three Rivers 16-43-820	_		200E	4304752057			State	_	Р	Р		
Three Rivers 16-44-820	Three Rivers 16-44-820	+ +	0805	200E	4304753473	-	State	State		APD	ccs	<u>6</u>	03/12/13
Three Rivers 18-21-821 Three Rivers 18-22-821	Three Rivers 18-21-821	+	0805	210E	4304753276		Fee	Fee			PERPEND	12/17/12	<u> </u>
Three Rivers 18-31-821	Three Rivers 18-22-821 Three Rivers 18-31-821		080S 080S	210E 210E	4304753620			Fee	_		PERPEND	04/15/13	<u> </u>
Three Rivers 18-32-821	Three Rivers 18-32-821		0805	210E	4304753277 4304753621			Fee		_	PERPEND	12/19/12	9
Three Rivers 27-34-720	Three Rivers 27-34-720	+	070S	200E	4304753278			Fee Fee			PERPEND PERPEND	04/15/13	40_
THREE RIVERS 32-15-720	Three Rivers 32-15-720	+	070S	200E	4304752736			Fee			PERPEND	12/19/12	1
THREE RIVERS 32-25-720	Three Rivers 32-25-720	+		200E	4304752718		$\overline{}$	Fee			P	+	
Three Rivers 32-32-720	Three Rivers 32-32-720	-	_	200E	4304753734			Fee	_		P	- 31	06/12/13
Three Rivers 32-3333-720	Three Rivers 32-3333-720	-		200E	4304753950			Fee			scs	4	10/15/13
Three Rivers 32-333-720	Three Rivers 32-333-720	32	070S	200E	4304753735	19088	Fee	Fee			Р	4	06/12/13
Three Rivers 32-334-720	Three Rivers 32-334-720	32	0705	200E	4304753710			Fee	ow	DRL	Р	7	05/22/13
THREE RIVERS 32-33-720	Three Rivers 32-33-720	32	070S	200E	4304752734	19016	Fee	Fee	ow	DRL	Р	8	08/29/12
	Three Rivers 32-34-720		070S	200E	4304752735	19249	Fee	Fee	ow	DRL	DRLG	9	08/29/12
THREE RIVERS 32-35-720	Three Rivers 32-35-720	+ ++		200E	4304752737	18766	Fee			Р	Р	30	
Three Rivers 32-42-720	Three Rivers 32-42-720			200E	4304753949						APRVD		10/15/13
THREE RIVERS 34-31-720	Three Rivers 34-31-720			200E	4304752012	_				Р	Р .	2	91.54.254
Three Rivers 34-31T-720 THREE RIVERS 36-11-720	Three Rivers 34-31T-720			200E	4304753281						APRVD	3	12/11/12
THREE RIVERS 36-13-720	Three Rivers 36-11-720			200E	4304751915					` —	P		
THREE RIVERS 36-21-720	Three Rivers 36-13-720 Three Rivers 36-21-720		_	200E	4304752699 4304752698			-			APRVD	5	08/29/12
THREE RIVERS 36-23-720	Three Rivers 36-23-720			200E	4304752733				ow .	APD .	APRVD	- 6	08/29/12
THREE RIVERS 36-31-720	Three Rivers 36-31-720	-		200E	4304752697					DRL	P	7	00/20/12
Three Rivers D	Three Rivers D	-			4304753702						APRVD	8	08/29/12 07/15/13
	Three Rivers Fed 03-11-820				4304752950						WOC	60	02/22/13
	Three Rivers Fed 03-12-820				4304753914				_		APRVD	- 40	08/01/13
	Three Rivers Fed 03-13-820			_	4304753951						PERPEND	08/12/13	2
	Three Rivers Fed 03-14-820	-			4304753952				-		PERPEND	08/12/13	3
	Three Rivers Fed 03-23-820	-			4304753953				-		PERPEND	08/12/13	
Three Rivers Federal 3-24-820	Three Rivers Fed 03-24-820	3 (080S	$\overline{}$	4304753954						PERPEND	08/12/13	4 5
					4204753054	10043				5			6
THREE RIVERS FEDERAL 3-32-820	Three Rivers Fed 03-32-820	3 (2080	200E	4304752861	10942]	euerai ji	reuerar 1	OVV I				FID
THREE RIVERS FEDERAL 3-32-820 THREE RIVERS FEDERAL 3-33-820	Three Rivers Fed 03-33-820	3 (080S	200E	4304752864		ederal i			——+:	APRVD	7	12/24/12
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LIST GOWNDaded 12-10-13 and consistency) The Rewers Fed 4-21-820 Three Rivers Fed 4-31-820 Three Rivers Fed 5-31-820 Three Rivers Fed 6-31-820 Three Rivers Fed 10-31-820 Three Rivers Fed 10-31-82	ATTACHMENT TO FORM 9 CHANG	SE OF OPERATOR												
State Well Name Growth State Well Approximation State Stat	AXIA ENERGY TO ULTRA RESOURCE	ES EFFECTIVE 10-01-2013												
List downloaded 12-10-13		Axia Well Name	Т	T	Γ						State	Actual		Date
LIST GOWNDaded 12-10-13 and consistency) The Rewers Fed 4-21-820 Three Rivers Fed 4-31-820 Three Rivers Fed 5-31-820 Three Rivers Fed 6-31-820 Three Rivers Fed 10-31-820 Three Rivers Fed 10-31-82	State Well Name	(for database sort		1		[Mineral	Surface	Well	Well	Status @		Apprvd
FineER BIVERS 60 - 31-820	List downloaded 12-10-13	and consistency)	Sec	TWN	RNG	API Number	Entity	Lease	Lease	Type	Status	12/12/13	Submitted	DOGM
THREE RIVERS FED 4-31-820	THREE RIVERS 4-21-820		4	0805	200E	4304752875	19048	Federal	Fee		DRL	Р		02/22/1
Three Rivers Federal 4-13-20. Three Rivers Fed 04-13-220. 4 0005. 200E. 4304753552. 19.186 Federal. Federal. Federal. Comparison Comparis	THREE RIVERS FED 4-31-820	Three Rivers Fed 04-31-820	4	0805	200E	4304752874	19023	Federal	Fee	ow	DRL	Р		02/22/1
Three Rivers Federal 4.4-18.20	Three Rivers Federal 4-32-820	Three Rivers Fed 04-32-820	4	0805	200E	4304753552	19168	Federal	Fee	ow	DRL	Р	2	08/26/1
Three Rivers Federal 4-18-20 Three Rivers Fed 05-18-320 5 5005 5006 3007 4007-5305 Federal Federal OW REW PAPEND 1 1 1 1 1 1 1 1 1	Three Rivers Federal 4-41-820		4	0805	200E		1		+	ow		APRVD	7	08/01/1
Three Rivers Federal 5-11-820	Three Rivers Federal 4-42-820	Three Rivers Fed 04-42-820	4	0805	200E							+	11	08/01/1
Three Rivers Federal 5-14-200 Three Rivers Fed 05-12-820 5 5005 2006 4304753958 Federal Federal OW APD PERPEND 08/19/13 Three Rivers Federal 5-43-820 Three Rivers Fed 05-43-820 5 8005 2006 4304753959 Federal Federal OW APD PERPEND 08/19/13 THREE RIVERS FEDRAL 5-58-820 Three Rivers Fed 05-54-820 5 8005 2006 4304753959 Federal Federal OW APD PERPEND 08/19/13 PERPEND	Three Rivers Federal 5-11-820	Three Rivers Fed 05-11-820	5	0805	200E		1			ow			12/03/13	5
Three Rivers Federal 5-43-820	Three Rivers Federal 5-21-820	Three Rivers Fed 05-21-820	5	0805	200E							+		la
Three Rivers Federal 3-3-820	Three Rivers Federal 5-42-820		+		200E	4304753958				ow				7
THREE RIVERS FEDERAL 8-5-5-820 Three Rivers Fed 08-5-6-820	Three Rivers Federal 5-43-820	Three Rivers Fed 05-43-820	5	0805	200E							, 		6
THREE RIVERS FEDERAL 8-52-820 Three Rivers Fed 08-53-820	THREE RIVERS FEDERAL 5-56-820	Three Rivers Fed 05-56-820	5	0805	200E	4304752862	18993		}	ow	Р			
THREE RIVERS FED 184.8-33-820	THREE RIVERS FEDERAL 8-52-820	Three Rivers Fed 08-52-820	8	0805	200E		 		}	<u> </u>	DRL	P		02/22/1
Three Rivers Federal 9-41-820	THREE RIVERS FEDERAL 8-53-820				_				 	_			1	02,22,1
Three Rivers FED 10-30-820	Three Rivers Federal 9-41-820	+	+						·	_	DRL		<u>ئ</u>	08/20/1
Three Rivers Federal 10-31-820	THREE RIVERS FED 10-30-820	Three Rivers Fed 10-30-820	10	0805	-				}					08/20/1
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THREE RIVERS FED 10-42-820 Three Rivers Fed 10-42-820 Three Rivers Federal 33-11-720 Three Rivers Federal 33-11-720 Three Rivers Federal 33-11-720 Three Rivers Federal 33-12-720 Three Rivers Federal 33-12-720 Three Rivers Federal 33-12-720 Three Rivers Federal 33-12-720 Three Rivers Federal 33-13-720 Three Rivers Federal 33-14-720 Three Rivers Fed 33-14-720 Three Rivers Fed 33-14-5-720 Three Rivers Fed 34-15-720 Three Rivers Fed 34-15-720 Three Rivers Fed 34-15-720 Three Rivers Fed 34-15-720 Three Rivers Fed 34-23-720 Three Rivers Fed 34-33-720 Three Rivers Federal 34-3-720 Three Rivers Fed 34-33-720 Three Rivers Federal 34-3-720 Three Rivers Federal 35-12-720 Three Rivers Federal	THREE RIVERS FED 10-41-820	Three Rivers Fed 10-41-820	10	0805	200E	4304752948	19137	Federal	Federal	OW	DRL	P	6	02/22/1
Three Rivers Federal 33-11-720	THREE RIVERS FED 10-42-820	Three Rivers Fed 10-42-820	10	0805	200E					ow	APD	APRVD	<u> </u>	<u>'</u>
Three Rivers Federal 33-12-720	Three Rivers Federal 33-11-720	Three Rivers Fed 33-11-720	32	0705	200E		19109						•	07/17/1
Three Rivers Federal 33-13-720 Three Rivers Fed 33-13-720 33 0705 200E 4304753723 19222 Federal Fee OW DRL WOC 90 09/16/	Three Rivers Federal 33-12-720	Three Rivers Fed 33-12-720	33	0705	200E				Fee			WOC	6	
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	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-88623
SUNDF	RY NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: THREE RIVERS FED 35-44-720
2. NAME OF OPERATOR: ULTRA RESOURCES INC			9. API NUMBER: 43047530080000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #	Pl #295 , Englewood, CO, 80112	HONE NUMBER: 303 645-9810 Ext	9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1581 FSL 2496 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: NWSE Section: 3	HIP, RANGE, MERIDIAN: 35 Township: 07.0S Range: 20.0E Meridiar	n: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOF	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
Ultra respectfully re	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all pequests a one year extension of well. This is the second extension captures and the second extension of the second extension extension of the second extension extension of the second extension extension extension extension extension extension	on the state permit for	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL ✓ APD EXTENSION OTHER: DEPths, volumes, etc. Approved by the Utah Division of Oil, Gas and Mining July 02, 2014 Date: By:
NAME (PLEASE PRINT)	PHONE NUMBER		
Jenna Anderson SIGNATURE	303 645-9804	Permitting Assistant DATE	
N/A		7/1/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047530080000

API: 43047530080000

Well Name: THREE RIVERS FED 35-44-720

Location: 1581 FSL 2496 FEL QTR NWSE SEC 35 TWNP 070S RNG 200E MER S

Company Permit Issued to: ULTRA RESOURCES INC

Date Original Permit Issued: 8/2/2012

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
• Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No

Signature: Jenna Anderson Date: 7/1/2014

Title: Permitting Specialist Representing: ULTRA RESOURCES INC

Sundry Number: 53224 API Well Number: 43047530080000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-88623
SUNDR	Y NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: THREE RIVERS FED 35-44-720
2. NAME OF OPERATOR: ULTRA RESOURCES INC			9. API NUMBER: 43047530080000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #	295 , Englewood, CO, 80112	PHONE NUMBER: 303 645-9810 Ext	9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1581 FSL 2496 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 35 Township: 07.0S Range: 20.0E Merid	ian: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
7/24/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:			
Date of Spud.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	L TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
This well was origing changes to fit our part 8,942 MD/8,927 TV per attached p	completed operations. Clearly show a hally permitted by Axia. Ultra ad design and drilling progra /D to 7,341 MD/7,280 TVD; (lat dated 6-19-14; (3) Upda Ultra's directional drilling let	requests the following am: (1) Change TD from (2) Change SHL & BHL te drilling plan and	lepths, volumes, etc. Accepted by the Utth 22 y 20 4 of Oil, Gas and Mining Date: By:
NAME (PLEASE PRINT)	PHONE NUMB		
Jenna Anderson	303 645-9804	Permitting Assistant	
SIGNATURE N/A		DATE 7/10/2014	

Sundry Number: 53224 API Well Number: 43047530080000 W 1/4 Cor. Sec. 26 Brass Cap, 0.3' High, Steel Post T7S, R20E, S.L.B.&M. 1950 Brass Cap, 0.5' High, Mound of Stones, N-S Fenceline 1988 Brass Cap, Flush with Ground, S81°44'27"W S83°23'23"E S83'59'21"W - 2664.19' (Meas.) S89°07'18"E^{Fence Corner} 1337.97' (Meas., 1337.16' (Meas.) 1434.87' (Meas.) Re-Established 1375.18' (Meas. Re-Established Corner By Double Proportion Method NW Cor NE 1/4 Corner By Grant Boundary Method NE 1/4 Sec. 34 (Not Set on Ground) 1988[°] Brass Cap, (Not Set on Ground) 0.1' High, South of Fence <u> EGEND:</u> = 90° SYMBOL Brass Cap = PROPOSED WELLHEAD. = TARGET BOTTOM HOLE. SECTION CORNERS LOCATED. SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.) 1950 Brass Cap, 1988 Brass Cap, 1.0' High 0.2' Below Ground 35 Target Bottom Hole 1980' THREE RIVERS 2488' FED #35-44-720 Elev. Ungraded 1988 Brass Ground = 4822.8'Cap, Flush LINE TABLE W/Ground, *V00.41,02"W Between* LINE DIRECTION **LENGTH** N-S Fence & N-S Road L1 N52°17'00"E 652.10' 1988 Brass 1988 Brass Cap, 0.1' High, E—W Fence Cap, 0.5' High E-W Fence 1950 Brass Cap, 0.7' High S89°47'10"W - 2631.47' (Meas.) S89°47'33"W - 2631.35 CERTIFICAT THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM RIELL NOTES OF ACTUAL SURVEYS MADE BY ME OF UNDERLOND SUPER SISTON AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. REGISTERED LAND SURVE NAD 83 (TARGET BOTTOM HOLE) NAD 83 (SURFACE LOCATION) REGISTRATION NO. 1613 19F STATE OF UTAR LATITUDE = $40^{\circ}09'52.60''$ (40.164611) LATITUDE = $40^{\circ}09'48.66''$ (40.163517) LONGITUDE = 109°38'00.47" (109.633464 LONGITUDE = 109°38'07.11" (109.63530) **BASIS OF BEARINGS ULTRA RESOURCES, INC.** BASIS OF BEARINGS IS A G.P.S. OBSERVATION **BASIS OF ELEVATION** THREE RIVERS FED #35-44-720 BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M.
TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE NW 1/4 SE 1/4, SECTION 35, T7S, R20E, S.L.B.&M. UINTAH COUNTY, UTAH QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

UINTAH

UELS, LLC Corporate Office * 85 South 200 East Vernal, UT 84078 * (435) 789-1017

SURVEYED BY: M.P., T.P.	SURVEY DATE: 04-30-14
DRAWN BY: C.C.	DATE DRAWN: 05-07-14
SCALE: 1" = 1000'	REVISION: 00-00-00

WELL LOCATION PLAT

ULTRA RESOURCES, INC.

MASTER 8 - POINT DRILLING PROGRAM

Slim Hole Design 8 5/8" Surface & 5 ½" Production Casing Design

DATED: 07-10-14

Directional Wells located on Ultra leases in Three Rivers Project:

Three Rivers Fed 35-44-720

SHL: Sec 35 (NWSE) T7S R20E

Uintah, Utah

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal and Indian Oil and Gas Leases

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

Three Rivers Fed 35-44-720 Page 2 of 5

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation Top	Top (TVD)	Comments
Uinta	Surface	
BMSW	2,621' MD / 2,600' TVD	
Green River	3,207' MD / 3,175' TVD	
Mahogany	4,538' MD / 4,480' TVD	
Garden Gulch	5,221' MD / 5,160' TVD	Oil & Associated Gas
Lower Green River*	5,401' MD / 5,340' TVD	Oil & Associated Gas
Wasatch	7,091' MD / 7,030' TVD	Oil & Associated Gas
TD	7.341' MD / 7.280' TVD	

Asterisks (*) denotes target pay intervals

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the BLM. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

2. BOP Equipment

- **A)** The BOPE shall be closed whenever the well is unattended The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.
- **B**) The BOPE shall be closed whenever the well is unattended.
- C) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:
 - 1) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
 - 2) Choke Manifold
 - 3) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
 - 4) Two adjustable chokes will be used in the choke manifold.
 - 5) All valves (except chokes) in kill line choke manifold and choke line will not restrict the
 - 6) Pressure gauges in the well control system will be designed for drilling fluid.

D) BOPE Testing:

- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
- 2) All BOP tests will be performed with a test plug in place.
- 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

<u>INTERVAL</u> 0 - 1,000' MD / 1,000' TVD 1,000' MD / 1,000' TVD – 7,341' MD / 7,280' TVD

BOP EQUIPMENT 11" Diverter with Rotating Head 3,000# Ram Double BOP & Annular with

Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

3. Casing and Float Equipment Program

CASING:

Directional Well	Hole Size	OD	Depth MD/TVD	Wt.	Grade & Connection	Cond.
Surface	11"	8 5/8"	1,000' MD / 1, 000' TVD	24.0 ppf	J-55, LTC	New
Production	7 7/8"	5 ½"	7,341' MD / 7,280' TVD	17.0 ppf	J-55, LTC	New

Three Rivers Fed 35-44-720 Page 3 of 5

CASING SPECIFICATIONS:

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production	5 ½"	4.492" / 4.767"	4,910	5,320'	273,000	229,000

FLOAT EQUIPMENT:

SURFACE (8 5/8") Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1st 4 Joints then every 4th joint to surface

PRODUCTION (5 ½") Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1st 4 Joints then every 3rd joint to 500' into surface casing

4. Cementing Programs

CONDUCTOR (13 %") Ready Mix – Cement to surface

SURFACE (8 5/8") Cement Top - Surface

Surface – 500' Lead: 80 sks, Premium Lightweight Cmt w/ additives, 11.5 ppg, 2,97 cf/sk 50%

excess

500' - 1,000' MD / 1,000' TVD± Tail: 115 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

PRODUCTION (5 ½") Cement Top – 500'

500' - 4,000' TVD ± Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1%

Granulite TR ¹/₄, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess

4,000' - 7,341' MD / 7,280' TVD Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm

Granulite TR 1/4, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

Note: Lead Cement will be brought to 4,000' which will give a minimum of 500' above Lower Green River.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- **B**) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
- **D**) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:
 - 1) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
 - 2) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
 - 3) Progress reports, Form 3160-5 "Sundry Notices and Reports on Wells", shall be filed with the Field Manager within 30 days after the work in completed.
 - 4) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.

Three Rivers Fed 35-44-720

Page **4** of **5**

6) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

5. Mud Program

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pН	Mud Wt. (ppg)
0 – 1,000' MD / 1,000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1,000' TVD - 7,341' MD / 7,280' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- **A)** For Surface Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- **B**) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

6. Evaluation Program - Testing, Logging, and Coring

- **A)** Cores: None anticipated.
- **B**) Testing: None anticipated.
- **C)** Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- **D)** Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- **E**) Mud Logs: None anticipated.
- **F)** Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

7. Anticipated Pressures and H.S.

- A) The expected bottom hole pressure is 3,500 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- **B)** Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H₂S is encountered, the guidelines in Onshore Oil and Gas Order No. 6 will be complied with.

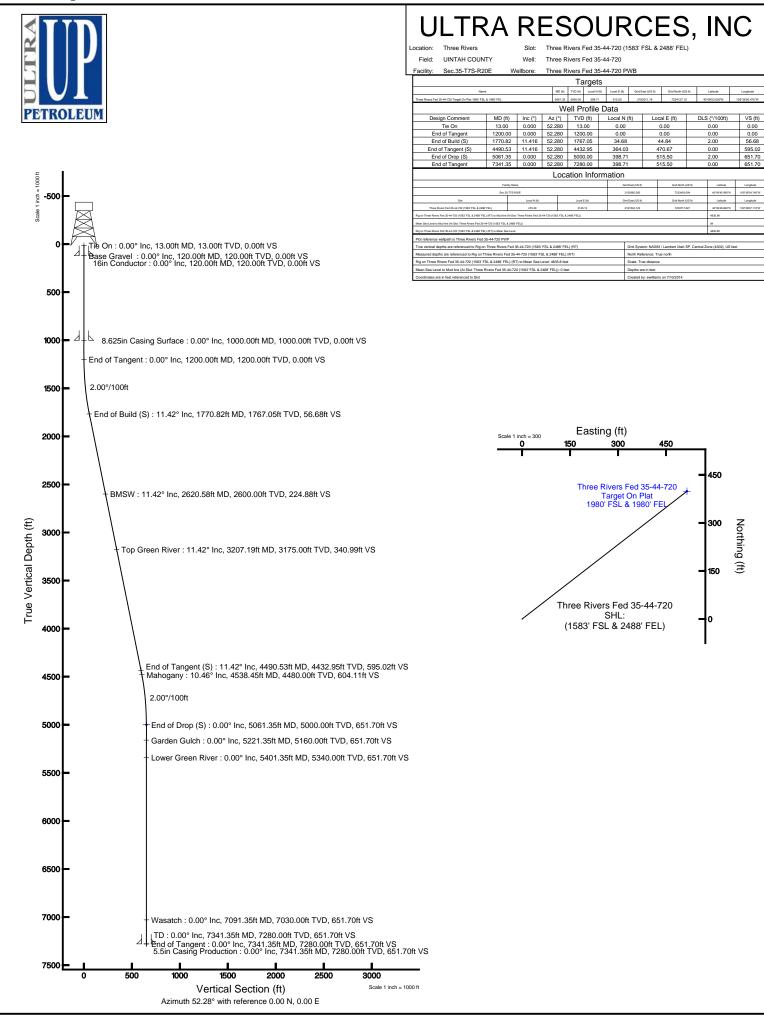
8. Other Information and Notification Requirements

A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the *Utah Division of Oil, Gas and Mining*, and the BLM Vernal (when drilling on Federal leases).

Three Rivers Fed 35-44-720

Page 5 of 5

- 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
- 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.
- B) Notification Requirements for *Utah Division of Oil*, *Gas and Mining*:
 - Within 24 hrs. of spud (Carol Daniels at 801/538-5284)
 - 24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)
 - 24 hrs. prior to cementing or testing casing (Dan Jarvis)
 - Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)
- C) Notification Requirements BLM Vernal <u>when drilling on Federal leases</u> as follows: (Cade T Taylor @ cctaylor@blm.gov and Blm_ut_vn_opreport@blm.gov:
 - Within 24 hrs. of spud (Carol Daniels at 801/538-5284)
 - 24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)
 - 24 hrs. prior to cementing or testing casing (Dan Jarvis)
 - Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)
- **D)** Any changes in the program must be approved by the *Utah Division of Oil, Gas and Mining* and or the BLM Vernal Office. "Sundry Notices and Reports on Wells" (form 3160-5) must be filed for all changes of plans. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
 - Should the well be successfully completed for production, the BLM Pinedale Field Office must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:
 - Operator name, address, and telephone number.
 - . Well name and number.
 - Well location (1/4 1/4, Section, Township, Range and P.M.)
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.



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Sundry Number: 53224 API Well Number: 43047530080000



Planned Wellpath Report Three Rivers Fed 35-44-720 PWP Page 1 of 5



DYNAMIC GRAPHICS, INC.

REFERENCE WELLPATH IDENTIFICATION						
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-44-720 (1583' FSL & 2488' FEL)			
Area	Three Rivers	Well	Three Rivers Fed 35-44-720			
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-44-720 PWB			
Eacility	Sec 35-T75-B20F	1				

REPORT SETUP INFORMATION						
Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0			
North Reference	True	User	Ewilliams			
Scale	0.999915	Report Generated	7/10/2014 at 3:14:10 PM			
Convergence at slot	1.19° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_35-44-720_PWB.xml			

WELLPATH LOCATION							
	Local coordinates		Grid c	oordinates	Geographic coordinates		
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude	
Slot Location	270.28	2145.12	2161504.12	7233717.82	40°09'48.660"N	109°38'07.110"W	
Facility Reference Pt			2159365.27	7233403.09	40°09'45.990"N	109°38'34.740''W	
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W	

WELLPATH DATUM						
Calculation method	Minimum curvature	Rig on Three Rivers Fed 35-44-720 (1583' FSL & 2488' FEL) (RT) to Facility Vertical Datum				
Horizontal Reference Pt	Slot	Rig on Three Rivers Fed 35-44-720 (1583' FSL & 2488' FEL) (RT) to Mean Sea Level				
Vertical Reference Pt	Rig on Three Rivers Fed 35-44-720 (1583' FSL & 2488' FEL) (RT)	Rig on Three Rivers Fed 35-44-720 (1583' FSL & 2488' FEL) (RT) to Mud Line at Slot (Three Rivers Fed 35-44-720 (1583' FSL & 24				
MD Reference Pt	Rig on Three Rivers Fed 35-44-720 (1583' FSL & 2488' FEL) (RT)	Section Origin				
Field Vertical Reference	Mean Sea Level	Section Azimuth				



Planned Wellpath Report Three Rivers Fed 35-44-720 PWP Page 2 of 5



REFERENC	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-44-720 (1583' FSL & 2488' FEL)					
Area	Three Rivers	Well	Three Rivers Fed 35-44-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-44-720 PWB					
Facility	Sec.35-T7S-R20E	[

	ATA (87 stations)		lated/extrapola							
MD lftl	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	52.280	0.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
13.00	0.000	52.280	13.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
113.00†	0.000	52.280	113.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
120.00†	0.000	52.280	120.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0100	Base Gravel
213.00†	0.000	52.280	213.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
313.00†	0.000	52.280	313.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
413.00†	0.000	52.280	413.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
513.00†	0.000	52.280	513.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
613.00†	0.000	52.280	613.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
713.00†	0.000	52.280	713.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
813.00†	0.000	52.280	813.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
913.00†	0.000	52.280	913.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
1013.00†	0.000	52.280	1013.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	ĺ
1113.00†	0.000	52.280	1113.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
1200.00	0.000	52.280	1200.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
1213.00†	0.260	52.280	1213.00	0.03	0.02	0.02	40°09'48.660"N	109°38'07.110"W	2.00	
1313.00†	2.260	52.280	1312.97	2.23	1.36	1.76	40°09'48.673"N	109°38'07.087"W	2.00	
1413.00†	4.260	52.280	1412.80	7.91	4.84	6.26	40°09'48.708"N	109°38'07.029"W	2.00	
1513.00†	6.260	52.280	1512.38	17.08	10.45	13.51	40°09'48.763"N	109°38'06.936"W	2.00	
1613.00†	8.260	52.280	1611.57	29.72	18.18	23.51	40°09'48.840"N	109°38'06.807"W	2.00	
1713.00†	10.260	52.280	1710.26	45.81	28.03	36.24	40°09'48.937"N	109°38'06.643"W	2.00	
1770.82	11.416	52.280	1767.05	56.68	34.68	44.84	40°09'49.003"N	109°38'06.532"W	2.00	
1813.00†	11.416	52.280	1808.40	65.03	39.79	51.44	40°09'49.053"N	109°38'06.447"W	0.00	
1913.00†	11.416	52.280	1906.42	84.82	51.90	67.10	40°09'49.173"N	109°38'06.246"W	0.00	
2013.00†	11.416	52.280	2004.44	104.62	64.01	82.75	40°09'49.292"N	109°38'06.044"W	0.00	
2113.00†	11.416	52.280	2102.46	124.41	76.11	98.41	40°09'49.412"N	109°38'05.842"W	0.00	
2213.00†	11.416	52.280	2200.48	144.21	88.22	114.07	40°09'49.532"N	109°38'05.641"W	0.00	
2313.00†	11.416	52.280	2298.50	164.00	100.33	129.73	40°09'49.652"N	109°38'05.439"W	0.00	
2413.00†	11.416	52.280	2396.52	183.79	112.44	145.38	40°09'49.771"N	109°38'05.237"W	0.00	
2513.00†	11.416	52.280	2494.55	203.59	124.55	161.04	40°09'49.891"N	109°38'05.036"W	0.00	
2613.00†	11.416	52.280	2592.57	223.38	136.66	176.70	40°09'50.011"N	109°38'04.834"W	0.00	by row.
2620.58†	11.416	52.280	2600.00	224.88	137.58	177.89	40°09'50.020"N	109°38'04.819"W		BMSW
2713.00†	11.416	52.280	2690.59	243.18	148.77	192.36	40°09'50.130"N	109°38'04.632"W	0.00	
2813.00†	11.416	52.280	2788.61	262.97	160.88	208.01	40°09'50.250"N	109°38'04.431"W	0.00	
2913.00† 3013.00†	11.416	52.280	2886.63	282.76 302.56	172.99	223.67	40°09'50.370"N	109°38'04.229"W 109°38'04.027"W	0.00	
	11.416 11.416	52.280	2984.65 3082.67	302.56	185.10 197.21	239.33 254.98	40°09'50.489"N		0.00	
3113.00† 3207.19†	11.416	52.280 52.280	3082.67	340.99	208.62	254.98	40°09'50.609"N	109°38'03.826"W 109°38'03.636"W	0.00	Top Green River
3207.19† 3213.00†	11.416	52.280	31/5.00	340.99	208.62	269.73	40°09'50.722"N 40°09'50.729"N	109°38'03.624"W	0.00	rop Green Kiver
3213.00† 3313.00†	11.416	52.280	3278.72	361.94	209.32	286.30	40°09'50.729"N 40°09'50.848"N	109°38'03.624"W	0.00	
3313.00† 3413.00†	11.416	52.280	3376.74	381.73	233.54	301.96	40°09'50.968"N	109°38'03.422 W	0.00	
3513.00†	11.416	52.280	3474.76	401.53	245.65	317.61	40°09'51.088"N	109°38'03.221 W	0.00	
3613.00†	11.416	52.280	3572.78	421.32	257.76	333.27	40°09'51.207"N	109°38'03.019 W	0.00	
3713.00†	11.416	52.280	3670.80	441.11	269.87	348.93	40°09'51.327"N	109 38 02.817 W	0.00	
3813.00†	11.416	52.280	3768.82	460.91	281.98	364.58	40°09'51.447"N	109°38′02.010 W	0.00	



Planned Wellpath Report Three Rivers Fed 35-44-720 PWP Page 3 of 5



REFERENC	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-44-720 (1583' FSL & 2488' FEL)					
Area	Three Rivers	Well	Three Rivers Fed 35-44-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-44-720 PWB					
Facility	Sec.35-T7S-R20E	[

VELLPATH D.	ATA (87 stations)	† = interp	olated/extrapol	ated station						
MD Iftl	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3913.00†	11.416	52.280	3866.85	480.70	294.09	380.24	40°09'51.566"N	109°38'02.212"W	0.00	ĺ
4013.00†	11.416	52.280	3964.87	500.50	306.20	395.90	40°09'51.686"N	109°38'02.011"W	0.00	
4113.00†	11.416	52.280	4062.89	520.29	318.31	411.56	40°09'51.806"N	109°38'01.809"W	0.00	1
4213.00†	11.416	52.280	4160.91	540.08	330.42	427.21	40°09'51.925"N	109°38'01.607"W	0.00	
4313.00†	11.416	52.280	4258.93	559.88	342.53	442.87	40°09'52.045"N	109°38'01.406"W	0.00	1
4413.00†	11.416	52.280	4356.95	579.67	354.64	458.53	40°09'52.165"N	109°38'01.204"W	0.00	
4490.53	11.416	52.280	4432.95	595.02	364.03	470.67	40°09'52.257"N	109°38'01.048"W	0.00	
4513.00†	10.967	52.280	4454.99	599.38	366.70	474.12	40°09'52.284"N	109°38'01.003"W	2.00	
4538.45†	10.458	52.280	4480.00	604.11	369.59	477.86	40°09'52.312"N	109°38'00.955"W	2.00	Mahogany
4613.00†	8.967	52.280	4553.48	616.69	377.29	487.81	40°09'52.388"N	109°38'00.827"W	2.00	
4713.00†	6.967	52.280	4652.51	630.55	385.77	498.77	40°09'52.472"N	109°38'00.686"W	2.00	
4813.00†	4.967	52.280	4751.96	640.94	392.13	506.99	40°09'52.535"N	109°38'00.580"W	2.00	
4913.00†	2.967	52.280	4851.72	647.86	396.36	512.47	40°09'52.577"N	109°38'00.509"W	2.00	
5013.00†	0.967	52.280	4951.65	651.29	398.46	515.18	40°09'52.598"N	109°38'00.474"W	2.00	
5061.35	0.000	52.280	5000.00 ¹	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	2.00	1
5113.00†	0.000	52.280	5051.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	ĺ
5213.00†	0.000	52.280	5151.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	ĺ
5221.35†	0.000	52.280	5160.00	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	Garden Gulch
5313.00†	0.000	52.280	5251.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	ĺ
5401.35†	0.000	52.280	5340.00	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	Lower Green River
5413.00†	0.000	52.280	5351.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	ĺ
5513.00†	0.000	52.280	5451.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	ĺ
5613.00†	0.000	52.280	5551.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
5713.00†	0.000	52.280	5651.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	1
5813.00†	0.000	52.280	5751.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
5913.00†	0.000	52.280	5851.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	ĺ
6013.00†	0.000	52.280	5951.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
6113.00†	0.000	52.280	6051.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	1
6213.00†	0.000	52.280	6151.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
6313.00†	0.000	52.280	6251.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
6413.00†	0.000	52.280	6351.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
6513.00†	0.000	52.280	6451.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
6613.00†	0.000	52.280	6551.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
6713.00†	0.000	52.280	6651.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
6813.00†	0.000	52.280	6751.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
6913.00†	0.000	52.280	6851.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
7013.00†	0.000	52.280	6951.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
7091.35†	0.000	52.280	7030.00	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	Wasatch
7113.00†	0.000	52.280	7051.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
7213.00†	0.000	52.280	7151.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
7313.00†	0.000	52.280	7251.65	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	
7341.35	0.000	52.280	7280.00	651.70	398.71	515.50	40°09'52.600"N	109°38'00.470"W	0.00	TD

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Sundry Number: 53224 API Well Number: 43047530080000



Planned Wellpath Report
Three Rivers Fed 35-44-720 PWP
Page 4 of 5



REFERENC	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-44-720 (1583' FSL & 2488' FEL)					
Area	Three Rivers	Well	Three Rivers Fed 35-44-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-44-720 PWB					
Facility	Sec.35-T7S-R20E							

HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fed 35-44-720 PWB Ref Wellpath: Three Rivers Fed 35-44-720 PWP String/Diameter Start MD End MD Interval Start TVD End TVD Start N/S Start E/W End N/S End E/W									
String/Diameter	[ft]	[ft]	[ft]	[ft]	[ft]	[ft]	[ft]	[ft]	[ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	7341.35	6341.35	1000.00	7280.00	0.00	0.00	398.71	515.50
5.5in Casing Production	13.00	7341.35	7328.35	13.00	7280.00	0.00	0.00	398.71	515.50

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers Fed 35-44-720 Target On Plat 1980'	5061.35	5000.00	398.71	515.50	2162011.16	7234127.15	40°09'52.600"N	109°38'00.470"W	point
FSL & 1980' FEL									

Page 5 of 5

Sundry Number: 53224 API Well Number: 43047530080000



Planned Wellpath Report Three Rivers Fed 35-44-720 PWP Page 5 of 5



REFERENC	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-44-720 (1583' FSL & 2488' FEL)					
Area	Three Rivers	Well	Three Rivers Fed 35-44-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-44-720 PWB					
Facility	Sec.35-T7S-R20E	[

WELLPATH COMMENTS	ELLPATH COMMENTS									
MD	Inclination	Azimuth	TVD	Comment						
[ft]	[°]	[°]	[ft]							
120.00	0.000	52.280	120.00	Base Gravel						
2620.58	11.416	52.280	2600.00	BMSW						
3207.19	11.416	52.280	3175.00	Top Green River						
4538.45	10.458	52.280	4480.00	Mahogany						
5221.35	0.000	52.280	5160.00	Garden Gulch						
5401.35	0.000	52.280	5340.00	Lower Green River						
7091.35	0.000	52.280	7030.00	Wasatch						
7341.35	0.000	52.280	7280.00	TD						



Ultra Resources, Inc.

July 10, 2014

Mr. Dustin Doucet Utah Division of Oil, Gas & Mining 1594 West North Temple Salt Lake City, Utah 84116

RE: Directional Drilling - Docket No. 2013-030 / Cause No. 270-02

Three Rivers Fed 35-44-720

Surface Location: 1583' FSL & 2488' FEL, NWSE, Sec. 35, T7S, R20E Target Location: 1980' FSL & 1980' FEL, NWSE, Sec. 35, T7S, R20E

SLB&M, Uintah County, Utah

Mr. Doucet:

Ultra Resources, Inc. ("Ultra") respectfully submits the below specifics concerning the proposed directional drilling of the subject well:

- Ultra is the sole owner of 100% of the leasehold rights within 460' around proposed bottom hole location and point of penetration of productive interval.
- The directional drilling of the well is proposed to limit surface disturbance within the project and affected surface owners.

Therefore, based on the above stated information, Ultra requests the permit be granted pursuant to Cause No. 270-02.

Thank you in advance for your consideration. Please feel free to contact me at 303-645-9810 if you have any questions or comments.

Sincerely,

Debbie Ghani Sr. Permitting Specialist

/dg

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINIF		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-88623
SUNDR	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: THREE RIVERS FED 35-44-720
2. NAME OF OPERATOR: ULTRA RESOURCES INC			9. API NUMBER: 43047530080000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #	F #295 , Englewood, CO, 80112	HONE NUMBER: 303 645-9810 Ext	9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1583 FSL 2488 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 35 Township: 07.0S Range: 20.0E Meridia	n: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	New construction
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	l — — — — — — — — — — — — — — — — — — —		
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
8/23/2014	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT	L TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
Ultra Resources wi	COMPLETED OPERATIONS. Clearly show all ill be moving ProPetro to spud 20 (API #43-047-53008) on	the Three Rivers Fed 8/23/2014.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 25, 2014
NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	R TITLE Permitting Assistant	
SIGNATURE N/A		DATE 8/25/2014	

	STATE OF UTAH		FORM 9
[DEPARTMENT OF NATURAL RESOUF DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-88623
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for pro current bottom-hole depth, r FOR PERMIT TO DRILL form	posals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.	y deepen existing wells below contal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: THREE RIVERS FED 35-44-720
2. NAME OF OPERATOR: ULTRA RESOURCES INC			9. API NUMBER: 43047530080000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #	295 , Englewood, CO, 80112	PHONE NUMBER: 303 645-9809 Ext	9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1583 FSL 2488 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSE Section: 3	IIP, RANGE, MERIDIAN: 35 Township: 07.0S Range: 20.0E Mei	ridian: S	STATE: UTAH
11. CHEC	CAPPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
SUBSEQUENT REPORT	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
11/7/2014	WILDCAT WELL DETERMINATION	OTHER	OTHER:
I .	COMPLETED OPERATIONS. Clearly shown is report of drilling and cor		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 12, 2014
NAME (PLEASE PRINT) Jenna Anderson	PHONE NUM 303 645-9804	IBER TITLE Permitting Assistant	
SIGNATURE N/A		DATE 11/7/2014	

ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 09/03/2014

WELL NAME WELL SITE CONSUI TD AT REPORT		,030' FOOTAGE 930'		0 PHONE# _ PRATE			CONTRACTOR		09/04/2014 Other DAYS SINCE SPUD _		0		
ANTICIPATED TD _ DAILY MUD LOSS	7,115' SURF:	_ PRESENT OPS DH:		Rig relea	ase at 1,030' CUM. MUD LOSS		_ GEOLOG SURF:	IC SECT.		DH:			
MUD COMPANY: LAST BOP TEST		NEXT CA	SING SIZE	5 1/2	MUD ENGINEER: NEXT CASING D		PTH 7	.000	SSE	0 ;	SSED	SSED 0	
		_											
AFE Days vs De DWOP Days vs De	epth:			# LL	AFE Cost _/BP Receiv	Vs Depth: ed Today:					_		
CASING EQUIPMEN RUN 23JTS OF 8 5/ CENTRALIZE FIRS	8 24# J-55 C							D SHOE, S	SHOE	JT & FLOA	T COLI	_AR -	
CEMENT JOB SUMM PRESSURE TEST I YIELD (675 SXS)5 (BLEED BACK 1BBL	LINES TO 30 GAL/SX MIX	WATER - D	ISPLACE 61.3	BBLS FRESH	WATER - L	AND PLU	G W/ 420PS	SI+500 OV	8.2BBL ER FO	S 15.8 CE R 1MIN - F	MENT LOATS	1.15 S HELD -	
RECENT CASINGS I Surface Conductor	RUN:	Date Se 09/03/201 08/23/201	14 8 5/8	Grade J-55 ARJ-55	Weig 24 45		Depth F 1,009 147	FIT Depth	FIT	Г ррд			
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH	OUT	I-O-D-	L-B-G-(D-R	
BIT OPERATIONS: BIT WOB	RPM	GPM	PRESS	HHP	HRS	24hr DI	ST 24HR I	ROP CU	M HRS	CUM D	IST C	UM ROP	
# SIZE	ORS: MANUF	- -	YPE	SERIAL N	O.	LOBES	DEPTH IN	DEPTH	OUT	DATE IN	DA	TE OUT	
MUD MOTOR OPER # WOB		//GAL	HRS	24hr DIS	ST 241	HR ROP	CUM I	HRS	CUM	DIST	CUM	ROP	
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS	١	NS	EW	DLS	Tool Typ	Э		
SURFACE PUMP/BH Pump 1 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight 0	Stroke Le Stroke Le Stroke Le	en en	SPM _ SPM _ SPM _		PSI PSI PSI	GI		SF SF	'R	_	Slow PS Slow PS Slow PS on BH on Moto	SI SI A <u>0</u>	
DAILY COSTS 8100100: Permits &	Tana [DAILY	CUM 13,031	AFE 4,500	8100105	Ingurana	•	DAIL	Y	CUM	AF	.000	
8100110: Staking &	Surveying [13,031	1,500	8100120	Surface I	Damages &	R				,000	
8100200: Location F 8100220: Secondary				50,000	8100210: 8100230:						5	,000	
8100300: Water We							ater Disposa	a		735		,500	
8100320: Mud & Ch			3,045	45,000			Mud Diesel						
8100400: Drilling Rig 8100405: Rig Fuel	9			127,000 40,000	8100402 8100410		0				17	,000	
8100420: Bits & Rea				15,500	8100500	Roustabo	out Services				7	,000	
8100510: Testing/In:				5,000	8100520			_		683		,000	
8100530: Equipmen 8100532: Solids Cor			+	25,000 7,000	8100531 8100535		ole Motor Re al Drillin	"				,500 ,000	
8100540: Fishing					8100600	Surface (Casing/Inte			17,221		,000	
8100605: Cementing				25,000	8100610		Mud						
8100700: Logging - 8100800: Supervision				15,000 25,000	8100705 8100810		ing/Evaluat						
8100900: Contingen	cies		491	-,,	8100950	Administ	rative O/H						
8100999: Non Opera				7 000	8200510							,000	
8200520: Trucking 8 8200605: Cementing				7,000 25,000	8200530: 8210600:							,500 ,000	
8210620: Wellhead/				20,000	Total Cost					35,205		,000	

ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 09/04/2014

WELL NAME				ED 35-44-72		AFE#	14098		ID DATE	09/04/2014		
WELL SITE TD AT REF		. TANT 1,030'	JARED ME		PHONE#		19-4933 M. DRLG.	CONTRAC HRS 13.0		Other		
ANTICIPAT		7,115'	PRESENT		_	ase at 1,030		GEOLOG				
DAILY MUI		SURF:		DH:		CUM. MU MUD EN		SURF:		DH:		
LAST BOP		-	NEXT CA	SING SIZE	5 1/2	_	SASING D	EPTH 7	,000 SSI	<u> </u>	SSED 0	
TIME BREA	AKDOWN											
TIME DIVE		G & CEMEN TRIPPING				DRILLING	G <u>13.</u>	00	RIG UP	/TEAR DOWN	N1.50	
DETAILS												
Start 06:30	End 08:00	Hrs 01:30	RIG UP									
08:00	21:00	13:00	DRILL FR	OM 100' TO	1030'							
21:00 22:30	22:30 00:00	01:30 01:30			24# J-55 CASIN							
				HOE JT & FLO T WAIT ON (OAT COLLAR CEMENT	- CENTRAL	LIZE FIRS	T 4 JOINTS 1	THEN EVERY	FOURTH TO	SURFACE -	
00:00	01:00	01:00	138.2BBL LAND PLI	S 15.8 CEME JG W/ 420PS	ES TO 3000PS ENT 1.15 YIELI SI+500 OVER I OUT JOB - 25	D (675 SXS FOR 1MIN -)5 GAL/SX FLOATS	X MIX WATE HELD - BLEI	R - DISPLACE	E 61.3BBLS FF	RESH WATER	
	Days vs De Days vs De				#L	AFE Cos L/BP Recei	t Vs Depth ved Today	n: /:			_	
FUEL AND	WATER (JSAGE										
Fluid Fuel				Used 1,500.0	Received T 1,500.0	ransferred	On Ha		Jsed 00.0			
Gas Fresh	Well Wate	ar		,	,			,-				
Nano	Water	ži										
	Water rve Pit Wat	er										
	r Hours eater Hours											
Urea		>						0.0				
	Sys 1 Hrs Sys 2 Hrs											
	Sys 3 Hrs											
	ACK 1BBL	TO TRUCK		TURNS THR : Size	3BBLS FRESH OUGHOUT JC Grade J-55		S CEMEN [®] ght	T TO SURFA		FOR 1MIN - F	LOATS HELD	
Conductor			08/23/201		ARJ-55			147				
RECENT B BIT	BITS: SIZE	MANUF	TYPE S	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH OU	T I-O-D-I	L-B-G-O-R	
BIT OPERA	WOB	RPM	GPM	PRESS	HHP	HRS	24hr D	IST 24HR I	ROP CUM F	IRS CUM DI	IST CUM RO	
RECENT N #	NUD MOTO SIZE	DRS: MANUF	т т	YPE	SERIAL N	IO.	LOBES	DEPTH IN	DEPTH OU	T DATE IN	DATE OUT	
MUD MOTO	OR OPERA WOB		//GAL	HRS	24hr DIS	ST 24	IHR ROP	CUM H	HRS CL	JM DIST	CUM ROP	
SURVEYS	oto	TMD	Inal	A zimuth	TVD	\/C		NC	EW DI	C Tool Type		
D	ate	TMD	Incl	Azimuth	TVD	VS		NS	EW DL	S Tool Type	2	
SURFACE	PUMP/BH	A INFORMA	TION									
Pump 1 Li Pump 2 Li		Stroke Le Stroke Le	_	SPM SPM		PSI		SPM SPM	SPR SPR		Slow PSI Slow PSI	
Pump [:] 32 Li	iner	Ctualia		SPM		PSI	G	SPM	SPR	S	Slow PSI	
BHA Make Up Wei	eup ight <u>0</u>	Dn Weigh	nt <u>0</u>	RT Weight	0			ngth rque _0_			on BHA <u>0</u> on Motor	
DAILY CO	_		DAILY	CUM	AFE			•	DAILY	CUM	AFE	
8100100:	Permits &		DAILI	13,031	4,500		5: Insurano			COIVI	2,000	
8100110: 8100200:			34,101	34,101	1,500 50,000): Surface): Reclama	Damages &	R			
		Reclamati	34,101	34,101	50,000): Reciama): Pit Solid				5,000	
8100300:				0.045	45.000			Vater Disposa	578	1,313	7,500	
8100320: 8100400:			29,760	3,045 29,760	45,000 127,000			Mud Diesel Rig Cleani				
8100405:	Rig Fuel		-,		40,000	8100410): Mob/De	mob			17,000	
8100420: 8100510:					15,500 5,000			oout Services 3 & Hauling		683	7,000 10,000	
8100530:	Equipment	Rental			25,000	810053	I: Down H	ole Motor Re	n	000	1,500	
8100532: 8100540:		trol Equi			7,000		5: Direction	nal Drillin Casing/Inte	1,596	18,817	76,000 20,000	
8100605:	Cementing		18,844	18,844	25,000	8100610): P & A		1,080	10,017	20,000	
8100700: 8100800:				1	15,000 25,000		5: Logging	- Mud ering/Evaluat				
8100900:	Contingen	cies	9,196	9,687	20,000	8100950): Adminis	trative O/H				
8100999:	Non Opera	ated IDC	-		7 000	8200510): Testing/	Inspection/			2,000	
8200520: 8200605:					7,000 25,000			ent Rental ion Casing			37,500 94,000	
		Casing Hea			20,000	Total Cos		3	94,075	129,280	717,000	

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-88623
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form	posals to drill new wells, significantly reenter plugged wells, or to drill horizen n for such proposals.	deepen existing wells below ontal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: THREE RIVERS FED 35-44-720
2. NAME OF OPERATOR: ULTRA RESOURCES INC			9. API NUMBER: 43047530080000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #	#295 , Englewood, CO, 80112	PHONE NUMBER: 303 645-9809 Ext	9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1583 FSL 2488 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSE Section: 3	HIP, RANGE, MERIDIAN: 35 Township: 07.0S Range: 20.0E Mer	idian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
 	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of option.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
12/12/2014	WILDCAT WELL DETERMINATION	OTHER	OTHER:
I .	COMPLETED OPERATIONS. Clearly show		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 15, 2014
NAME (PLEASE PRINT) Jenna Anderson	PHONE NUM 303 645-9804	BER TITLE Permitting Assistant	
SIGNATURE N/A		DATE 12/12/2014	

ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/17/2014

				KEPUKI D				
WELL SITE CONSU		E RIVERS FED 3		AFE# _	140980	SPUD DATE		7/2014
WELL SITE CONSU		FOOTAGE			· <u>8-9196 </u>	ONTRACTOR _ S 13.0 DRL	Ensign : G DAYS SINCE SI.	
ANTICIPATED TD	7,115'	PRESENT OP	Move r	ig on location at 1		GEOLOGIC SECT		
DAILY MUD LOSS	SURF:	0 DH: ANCHOR	0			SURF : 0	DH:	0
MUD COMPANY: LAST BOP TEST	11/17/2014		SIZE 30	MUD ENG		 ГН	SEAN LEHNEN SSE 0 S	SSED 0
			<u> </u>					<u> </u>
TIME BREAKDOWN	l							
DETAILS Start End 05:55 05:55	Hrs 00:00	SAFETY MEET REGULATORY INCIDENTS: N SAFETY DRILL REGULATORY DAYLIGHT: 5 ('ING NIGHTS: P ' VISITS: NONE ONE.	NE. S	G CASING. ITING AND R	rigging Down.		
AFE Days vs D DWOP Days vs D	epth: epth:			AFE Cosi # LL/BP Recei	Vs Depth: ved Today:			_
FUEL AND WATER Fluid Fuel Gas Fresh Well Wat Nano Water Frac Water Reserve Pit Wat	ter	ţ	Jsed Receive	ed Transferred	On Hand 0.0			
Boiler Hours Air Heater Hou Urea Urea Sys 1 Hrs Urea Sys 2 Hrs Urea Sys 3 Hrs	5 5				0.0			
RECENT CASINGS Surface Conductor	RUN:	Date Set 09/03/2014 08/23/2014	8 5/8	Frade Weig J-55 24 RJ-55 45	1,0	i09	n FIT ppg	
RECENT BITS: BIT SIZE 1 7.875	MANUF HUGHS			JETS 12/12/12/12	TFA D	DEPTH IN DEPTH 1,044	H OUT I-O-D-I	B-G-O-R
BIT OPERATIONS: BIT WOB 1	RPM 40/145		RESS HH 1,800 2.0		24hr DIST 0	24HR ROP C	JM HRS CUM DI 0.00 0	ST CUM ROP
RECENT MUD MOT # SIZE 1 6.500	ORS: MANUF HUNTING			RIAL NO. 6278	LOBES D	DEPTH IN DEPTH 1,044	H OUT DATE IN 11/17/2014	DATE OUT
MUD MOTOR OPER # WOB 1 22	RATIONS: REV/ 0.3		IRS 24	hr DIST 24	HR ROP	CUM HRS 0.00	CUM DIST	CUM ROP
SURVEYS Date	TMD	Incl Aziı	muth T\	/D VS	NS	EW	DLS Tool Type	÷
Temp Visc PV YP O/W Ratio	41 10 7 Filt	Mud Wt Gels 10sec Gels 10min pH er Cake/32 ES PALLETS & SHR	9.2 1 6 9.1 1	Alk. CI ppm 1,70 Ca ppm 40 pF 10.1 Mf WPS ENGINEERING 1.	<u>0 </u>	Sand % Solids % 5.0 LGS % 4.0 Oil % Water % 95.0	XS Lime lb/bl Salt bbi LCM pp API WL c	s b c6.2
Flaring:	Flare Foot	t-Minutes 0	_ Flare	ed MCF	Cum. Fla	red MCF 0.0		
SURFACE PUMP/BI Pump 1 Liner 6.5 Pump 2 Liner 6.5 Pump 32 Liner BHA Makeup Up Weight 17,0	Stroke Ler Stroke Ler Stroke Ler Stroke S	n <u>9.0</u> n <u>9.0</u> n stearable	SPM 125 SPM SPM	PSI <u>2,000</u> PSI PSI	GPM GPM GPM Length Torque	1 S 1 S n <u>885.6</u>	PR 43 S PR Hours	Slow PSI 0 Slow PSI 372 Slow PSI 0 on BHA 46 on Motor 46
BHA MAKEUP:	Commercia		י חו	onath Maint	/ft/lb\ C!-!	l Number	Docoriution	
# 1 2	Componen DRILL BIT MUD MOTO	7.875		ength Weight 1.00 26.69	(ft/lb) Serial 71536 6278		Description HUGHS T506 6 1.5 DEG FBH 7	
4	NON MAG MOI EM GAP SU N MAG FLEX M DRILL COLLA 18JTS HWD DRILLING JAI 6JTS HWDF	B 6.313 MONEL 6.000 AR 6.500 P 4.500 RS 6.375	2.813 2.750 2 2.750 2 2.750 5 2.250 3	31.53 3.80 29.61 29.34 48.65 31.65	ATM6 GSB0 9041 RIG RIG 80358)401	.33REV 4.5 XH P x B 4.5 XH P x B(S (RUN 1) 4.5 XH P x B	MITH)HE JARS

DAILY COSTS	DAILY	CUM	AFE	_	DAILY	CUM	AFE
8100100: Permits & Fees		13,031	4,500	8100105: Insurance			2,000
8100110: Staking & Surveying			1,500	8100120: Surface Damages & R			
8100200: Location Roads		34,101	50,000	8100210: Reclamation			
8100220: Secondary Reclamati				8100230: Pit Solidification			5,000
8100300: Water Well				8100310: Water/Water Disposa		1,313	7,500
8100320: Mud & Chemicals		3,045	45,000	8100325: Oil Base Mud Diesel			
8100400: Drilling Rig	20,145	49,905	127,000	8100402: Drilling Rig Cleani			
8100405: Rig Fuel			40,000	8100410: Mob/Demob			17,000
8100420: Bits & Reamers			15,500	8100500: Roustabout Services			7,000
8100510: Testing/Inspection/	3,200	3,200	5,000	8100520: Trucking & Hauling		683	10,000
8100530: Equipment Rental	3,311	3,311	25,000	8100531: Down Hole Motor Ren			1,500
8100532: Solids Control Equi	425	425	7,000	8100535: Directional Drillin			76,000
8100540: Fishing				8100600: Surface Casing/Inte		18,817	20,000
8100605: Cementing Work		18,844	25,000	8100610: P & A			
8100700: Logging - Openhole			15,000	8100705: Logging - Mud			
8100800: Supervision/Consult	4,800	4,800	25,000	8100810: Engineering/Evaluat			
8100900: Contingencies		9,687		8100950: Administrative O/H			
8100999: Non Operated IDC				8200510: Testing/Inspection/			2,000
8200520: Trucking & Hauling			7,000	8200530: Equipment Rental			37,500
8200605: Cementing Work			25,000	8210600: Production Casing			94,000
8210620: Wellhead/Casing Hea			20,000	Total Cost	31,881	161,161	717,000

ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/18/2014

WELL NAM	IF	THDE		LT DRIL FED 35-44-72	LING KEP	ORIDA AFE#	40980 140980		2014 SPUD DAT	F	11/17/2	2014
		LTANT JOH		KING BROV	/N PHONE#		8-9196		_		Ensign 12	•
TD AT REP		2,561'	FOOTAGE								SINCE SP	JD <u>1</u>
ANTICIPAT DAILY MUD	_	7,115' SURF :	_ PRESEN [*] 0	T OPS DH:		CUM. MUI		_ GEOL	OGIC SEC	, I)	DH:	0
MUD COMP	PANY:			HOR		MUD ENG	INEER:				EHNEN	
LAST BOP	TEST _	11/18/2014	NEXT CA	SING SIZE	5 1/2	NEXT CA	ASING DE	EPTH	7,150	_ SSE	ss	ED
TIME BREA	_											
		& CIRCULAT E TEST B.O.F		<u> </u>	DIRECTIONAL	DRILLING RIG MOVE		0	В		E UP B.O.P. EAR DOWN	<u>1.50</u> 4.00
FI	NL330K	TRIPPING				H & REAM			K	IG OF / II	LAN DOWN	4.00
DETAILS												
Start	End	Hrs										
06:00 07:00	07:00 08:00	01:00 01:00		/N IN PREP F E RIG TO THI	FOR SKID. E THREE RIVER	S FED 35-	-44-720.					
08:00 11:00	11:00 12:30	03:00 01:30	RIG UP C	N LOCATION	N, RIG, GENERA LIC LINES, FAS	ATORS, MI	UD PUMP					C LINES.
12:30	19:00	06:30	RIG UP T	ESTER (WAI	LKER TESTING	TEST BO	P - PIPE F	RAMS, BL	IND RAM	S, CHOKE	ELINE & CH	OKE
					DE BOP, KILL LÍÍ @ 10 MIN 250 P							
			MIN 250 I		ASING @ 30 MIN							
19:00	20:00	01:00	P/U DIRE	CTIONAL TO	OLS AND RIH		LE BLIND	RAMS.				
20:00 21:00	21:00 21:30	01:00 00:30	CONDITION	ON MUD FOR	RACK F/905' T/1 R DRILL-OUT. L	OWER WA			DD BI CAI	RB.		
21:30	00:00	02:30			NG FROM 1043 E RPM=30-45, M				PM=196 Ω	FF BOTT	OM PRESSI	IRF=1510
00:00	06:00	06:00	PSI, DIFF	PRESSURE	=300-550 PSI, V NG FROM 1247	VOB=10-25	5K, TQ=10	0,000 FT/				
00.00	00.00	00.00	GPM=444	I, TOP DRIVE	ERPM=30-45, N	OTOR RP	M=146, T	OTAL RP				
05:55	05:55	00:00	SAÉETY	MEETING DA	=300-550 PSI, V XYS:PPE, SWA.	RIG UP AN	ND TEST.	•	,	•	,	I O RRF
				MEETING NI TORY VISITS	GHTS: PPE,SW. S: NONF	A. BOILER	OPERAT	ION AND	WORKIN	G WITH S	STEAM.	
			INCIDEN.	TS: NONE.								
			REGULA [*]	DRILLS: NON TORY NOTIC	ES: NONE.							
				T: 5 CREW N 5 CREW ME								
	ays vs D	epth:				AFE Cost	Vs Depth:	:				
DWOP D	•				# LL/	BP Receiv	ed Loday:	·				
FUEL AND Fluid	WATER	USAGE		Used	Received Tra	nsferred	On Ha	ınd Cui	m.Used			
Fuel Gas				910.0	3,570.0		2,660		2,410.0			
Fresh	Well Wat	ter										
Nano ' Frac V	Water Vater											
Reser Boiler	ve Pit Wa	ater		22.00					22.00			
Air He	ater Hou	rs		22.00					22.00			
Urea Urea S	Sys 1 Hrs						(0.0				
	Sys 2 Hrs Sys 3 Hrs											
RECENT C	•		Date Se	t Size	Grade	Weig	ht I	Depth	FIT Dep	th EII	Грра	
Surface	RUINUS	NON.	09/03/201	4 8 5/8	J-55	24	I	1,009	тт рер	ui Fl	hhA	
Conductor			08/23/201	4 16	ARJ-55	45		147				
RECENT BI	ITS: SIZE	MANUF	TYPE S	SERIAL NO.	JETS		TFA	DEPTH	IN DEP	TH OUT	I-O-D-I -	B-G-O-R
	.875	HUGHS	T506	7153649	12/12/12/12/1	2/12	0.663	1,044			_	
BIT OPERA		2214	0014	DD = 0.0		1100	041 51	OT 041	ID DOD		01114 510	T 01114 DOD
BIT 1	WOB	RPM 40/145	GPM 440	PRESS 1,800	HHP 2.03	HRS 8.50	24hr DI 1,517		IR ROP(78.47	CUM HRS 8.50	1,517	T CUM ROP 178.47
RECENT M	UD MOT	ORS:										
#	SIZE 6.500	MANUF HUNTIN		YPE ROW	SERIAL NO 6278).	LOBES 7/8 4	DEPTH 1,044	IN DEP		DATE IN 11/17/2014	DATE OUT
			G AN	INOW	0276		1/0 4	1,044	•		11/11/2014	
MUD MOTO	WOB		//GAL	HRS	24hr DIST	24	HR ROP	CU	M HRS	CUM	DIST	CUM ROP
1	22	0.	.33	8.50	1,517	1	178.47	8	8.50	1,5	17	178.47
SURVEYS Da	ate.	TMD	Incl	Azimuth	TVD	VS		NS	EW	DLS	Tool Type	
11/18/20	14	4,554	2.0	207.94	4,454	715.8	471.	54	538.63	1.2	MWD Surv	
11/18/20 ¹ 11/18/20 ¹		4,464 4,373	0.9 1.5	209.66 41.63	4,364 4,273	717.9 717.4	473. 473.		539.70 539.26	2.6 0.7	MWD Surv MWD Surv	
MUD PROP	ERTIES											
_T	ype <u>l</u>	<u>LSND</u> 76	Mud Wt Gels 10sec	9.2	Alk Cl ppr		<u> </u>	Sand Solids			Lime lb/bbl Salt bbls	
	emp Visc	40	Gels 10min	6	Cl ppr Ca ppr	n 40		LGS	% 4.0		LCM ppb	
	PV YP	<u>10</u> 7 Fil	pH ter Cake/32	<u>10.0</u> 1	pl V	= <u>0.5</u> If <u>1.5</u>		Oil ' Water '		<u>0 </u>	API WL cc ITHP WL cc	6.2
O/W R Commer	Ratio		ES		 WP: RAP 17,ENGINE	S				<u> </u>		
					•			Flave 2 5 6	DE 0.0			
Flarii	ng:	Flare Foo	ot-Minutes	0	Flared MCF		Cum.	Flared MO	CF <u>0.0</u>	_		

SURFACE PUMP/BHA INFORMA Pump 1 Liner 6.5 Stroke L Pump 2 Liner 6.5 Stroke L Pump 32 Liner Stroke L BHA Makeup	en <u>9.0</u> en <u>9.0</u>	SPM _ SPM _		PSI 1,600 GPM 444 PSI GPM PSI GPM Length 885.1	SPR SPR SPR	43 S	slow PSI <u>0</u> slow PSI <u>337</u> slow PSI on BHA <u>9</u>
Up Weight 87 Dn Weight			74	Length <u>885.1</u> Torque 10,000			n Motor 9
BHA MAKEUP:		0 _		•			_
# Compone	nt (OD ID	Length	Weight (ft/lb) Serial Number	D	escription	
1 DRILL BI		875	1.00	7153649		UGHS T506 6	SX12
2 MUD MOT	OR 6.	500 0.00	0 26.69	6278		5 DEG FBH 7	7/8 4.8STG.
2 NON MAC M	ONEL 6	062 2.07	5 24.52	ATM64 542		3REV	
3 NON MAG M 4 EM GAP S		.063 2.87 .313 2.81		ATM64-513 GSB0401		5 XH P x B 5 XH P x B	
5 NON MAG FLEX		000 2.75		9041		5 XH P x B	
6 DRILL COL	LAR 6.	500 2.75	0 29.34	RIG		5 XH P x B	
7 18JTS HW		500 2.75				5 XH P x B	
8 DRILLING J	ARS 6.	375 2.25	0 31.65	80358G			MITH)HE JARS
O CITCIIM	D 4	F00 0.75	0 400.70	DIC		RUN 1)	
9 6JTS HWI	JP 4.	500 2.75	0 182.79	RIG	4.	5 XH P x B	
DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100100: Permits & Fees		13,031	4,500	8100105: Insurance			2,000
8100110: Staking & Surveying			1,500	8100120: Surface Damages & R			
8100200: Location Roads		34,101	50,000	8100210: Reclamation			
8100220: Secondary Reclamati				8100230: Pit Solidification			5,000
8100300: Water Well				8100310: Water/Water Disposa	945	2,258	7,500
8100320: Mud & Chemicals	2,688	5,733	45,000	8100325: Oil Base Mud Diesel			
8100400: Drilling Rig	20,085	69,990	127,000	8100402: Drilling Rig Cleani			
8100405: Rig Fuel			40,000	8100410: Mob/Demob			17,000
8100420: Bits & Reamers			15,500	8100500: Roustabout Services			7,000
8100510: Testing/Inspection/		3,200	5,000	8100520: Trucking & Hauling		683	10,000
8100530: Equipment Rental	3,260	6,571	25,000	8100531: Down Hole Motor Ren			1,500
8100532: Solids Control Equi	425	850	7,000	8100535: Directional Drillin	8,150	8,150	76,000
8100540: Fishing				8100600: Surface Casing/Inte	1,246	20,063	20,000
8100605: Cementing Work		18,844	25,000	8100610: P & A			
8100700: Logging - Openhole			15,000	8100705: Logging - Mud			
8100800: Supervision/Consult	4,800	9,600	25,000	8100810: Engineering/Evaluat			
8100900: Contingencies	5,584	15,271		8100950: Administrative O/H			
8100999: Non Operated IDC				8200510: Testing/Inspection/			2,000
8200520: Trucking & Hauling			7,000	8200530: Equipment Rental			37,500
8200605: Cementing Work			25,000	8210600: Production Casing	2,279	2,279	94,000
8210620: Wellhead/Casing Hea	6,889	6,889	20,000	Total Cost	56,351	217,512	717,000

ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/19/2014

	CONSU	LTANT JOH	<u>IN FREIT</u> A	S/KING BROW	0 N PHONE#		40980 96 CC	NTRAC	TOR _		Ensig	<u>/17/201</u> n 122	
D AT REP		5,004'	FOOTAG	E 2,443'	PRATE _ 104	4.0 CUM. D I	RLG. HRS	45.0	DRLG				2
NTICIPAT	_			NT OPS		illing at 5,004'							
AILY MUI		SURF:	0	_ DH: _ CHOR		CUM. MUD LO		URF:	0		DH: EHNEN		40
IUD COMI AST BOP		11/18/2014			5 1/2			H 7.				SSED	0
				_									
ME BREA DI		I NAL DRILLIN	G <u>23</u> .	50	RIG	SERVICE _	0.50	_					
ETAILS													
Start	End	Hrs	DIDECT	CONTAIL DOLL IN	10 EDOM 0504	ITO 05571 (000	1) 450 0 till						
06:00	12:30	06:30	GPM=44	44. TOP DRIVE	NG FROM 2561' RPM=30-45, M	OTOR RPM=1	146. TOTA	L RPM=	196, OFF	вотто	OM PRE	SSURE	=1750
12:30	13:00	00:30	PSI, DIF	F PRESSURE	300-550 PSÍ, W SE WASH PIPE,	VOB=10-25K,	TQ=10,000	0 FT/LBS	S, MUD W	T 9.2+,	VIS 40,I	LOST (BBL.
			OIL LEV	'EL IN ALL PUN	IPS AND MOTO	DRS (CK, FILL	AR BLUC	JNO, AI	ND CAT	WALK	- CHEC
13:00	18:00	05:00	DIRECT GPM=44	IONAL DRILLIN 44 TOP DRIVE	NG FROM 3557' RPM=30-45, M	'TO 3974' (417 OTOR RPM=1	")83 ft/hr. 146 TOTA	I RPM=	196 OFF	BOTTO	OM PRE	SSURF	==1850
10.00	00.00	00.00	PSI, DIF	F PRESSURE=	:300-550 PSI, W	VOB=10-25K,	TQ=10,000	0 FT/LBS					
18:00	00:00	06:00	GPM=4	IONAL DRILLIN 44. TOP DRIVE	IG FROM 3974' RPM=30-45, M	10 4572" (598 OTOR RPM=1	(1)99.6 ft/hi 146. TOTA	r. \L RPM=	196. OFF	вотто	OM PRE	SSURE	E=1850
00.00	06.00	06.00	PSI, DIF	F PRESSURE=	:300-550 PSÍ, W IG FROM 4572'	VOB=10-25K,	TQ=10,000	0 FT/LBS	S, MÚD W	T 9.6, \			
00:00	06:00	06:00	GPM=42	23, TOP DRIVE	RPM=30-45, M	IOTOR RPM=1	140, TOTA	L RPM=	190, OFF	BOTTO			
			PSI, DIF TOTAL.		:300-400 PSÍ, W	VOB=10-28K,	TQ=10,000	0 FT/LBS	s, mud w	T 9.7, \	/IS 49, L	OST 4	0 BBL
05:55	05:55	00:00	SAFETY	MEETING DA	YS:PPE, SWA. I				PERATIO	ONS.			
				/ MEETING NIC ATORY VISITS:	SHTS: PPE,SW <i>F</i> NONE	A. MIXING CH	EMICALS.						
			INCIDE	NTS: NONE.									
				′ DRILLS: BOPI ATORY NOTICI	E DRILL NIGHT	S AND DAYS.							
			DAYLIG	HT: 5 CREW M	EMBERS								
			NIGHTS	5: 5 CREW MEN	MEBERS								
	_												
	Days vs D Days vs D	epth: epth:			# LL/I	AFE Cost Vs I BP Received 1	Depth: _ Гoday: _						
IFI AND	WATER	IISAGE											
Fluid	WAILK	USAGE		Used	Received Tra	ansferred (On Hand	Cum.U					
Fuel Gas				2,090.0	3,000.0		3,570.0	4,50	0.00				
	Well Wat	er											
	Water												
Frac V Reser	water νe Pit Wa	ater											
Boiler				47.00									
				17.00				39	9.00				
Air He	eater Hou	rs		17.00			0.0	39	9.00				
Air He Urea Urea S	eater Hou Sys 1 Hrs			17.00			0.0	39	9.00				
Air He Urea Urea Urea	eater Hou			17.00			0.0	39	9.00				
Air He Urea Urea Urea Urea	eater Hou Sys 1 Hrs Sys 2 Hrs Sys 3 Hrs		Date S		Grade	Weight				FIT	- png		
Air He Urea Urea Urea Urea ECENT C	eater Hou Sys 1 Hrs Sys 2 Hrs Sys 3 Hrs		Date S 09/03/20	et Size 014 8 5/8	Grade _J-55	Weight 24	Dept 1,00	th F	0.00 IT Depth	FIT	「ppg		
Air He Urea Urea Urea	eater Hou Sys 1 Hrs Sys 2 Hrs Sys 3 Hrs			et Size 014 8 5/8			Dept	th F		FIT	「ppg		
Air He Urea Urea Urea Urea Urea ECENT C urface onductor ECENT B	eater Hour Sys 1 Hrs Sys 2 Hrs Sys 3 Hrs ASINGS	RUN:	09/03/20 08/23/20	et Size 014 8 5/8 014 16	J-55 ARJ-55	24 45	Dept 1,00 147	th F 9	IT Depth				
Air He Urea Urea Urea Urea Urea ECENT C urface onductor ECENT B	eater Hour Sys 1 Hrs Sys 2 Hrs Sys 3 Hrs ASINGS ITS: SIZE	RUN: MANUF	09/03/20 08/23/20 TYPE	et Size 014 8 5/8 014 16 SERIAL NO.	J-55 ARJ-55 JETS	24 45 TF.	Dept 1,00 147	th F 9 ,				O-L-B-(
Air He Urea Urea Urea Urea S Urea S ECENT C Inface	Sys 1 Hrs Sys 2 Hrs Sys 2 Hrs Sys 3 Hrs ASINGS ITS: SIZE 7.875	RUN:	09/03/20 08/23/20	et Size 014 8 5/8 014 16	J-55 ARJ-55	24 45 TF.	Dept 1,00 147	th F 9	IT Depth				
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Air He Urea Urea Urea Urea Urea Urea Urea S Urea Inface In	eater Hour Sys 1 Hrs Sys 2 Hrs Sys 3 Hrs ASINGS ITS: SIZE 875 ATIONS: WOB	RUN: MANUF HUGHS RPM 40/145	09/03/20 08/23/20 TYPE T506	et Size 014 8 5/8 014 16 SERIAL NO. 7153649	J-55 ARJ-55 JETS 12/12/12/12/12	24 45 TF. 2/12 0.66 HRS 2	Dept 1,00 147 A DE 33	th F 9 7 EPTH IN 1,044 24HR F	IT Depth DEPTH	OUT M HRS	I-O-[CUM	DIST	CUM R
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Air He Urea 3 Urea 4 Ur	Sys 1 Hrs Sys 2 Hrs Sys 2 Hrs Sys 3 Hrs Sis 2	RUN: MANUF HUGHS RPM 40/145 ORS: MANUF HUNTIN CATIONS: REV 0 TMD 6,185 6,094 6,003 -SND 88 46 15 11 Fi R-40,CITRIC A	O9/03/20 08/23/20 TYPE T506 GPM 440 GP	et Size 014 8 5/8 014 16 SERIAL NO. 7153649 PRESS 1,800 TYPE IRROW HRS 23.50 Azimuth 164.62 162.64 161.80 Vt 9.5 101 14 H 10.0 12 1 S LY SWELL-1,SJ	J-55 ARJ-55 ARJ-55 JETS 12/12/12/12/12 HHP 2.14 SERIAL NO 6278 24hr DIST 2,443 TVD 6,084 5,993 5,902 Alk CI ppm Ca ppm pF M WPS ALT-2,GEL-28,L	24 45 TF. 2/12 0.66 HRS 2: 23.50 . LOE 7/8 24HR 103. VS 665.6 667.4 669.2 . 0.0 1.550 1.2 1.2 1.2 IGNITE-1,MIC	Dept 1,00 147 A DE 53 4hr DIST 2,443 BES DE 3 4 ROP 96 NS 403.66 407.89 412.11	th F 9 7 EPTH IN 1,044 24HR F 103.9 EPTH IN 1,044 CUM H 32.0 530 520 528 Sand % Oil % /ater %	DEPTH ROP CU 166 3 DEPTH RS 0 EW 0.62 0.38 3.02 1.0 8.0 7.0 92.0	OUT M HRS 2.00 OUT CUM 3,9 DLS 0.1 0.1 0.3XS	I-O-E CUM 3,9 DATE I 11/17/20 DIST 60 Tool Ty MWD S MWD S MWD S LCM API WL	DIST 60 N D 114 CL 1 rpe Gurvey Gurvey Gurvey Survey /bbl _ bbls _ ppb _ cc _ cc _	CUM R 123.7 DATE OI JM ROP 23.75 Tool Tool Tool
Air He Urea (Ur	Sys 1 Hrs Sys 2 Hrs Sys 2 Hrs Sys 2 Hrs Sys 3 Hrs Sys 3 Hrs ASINGS ATIONS: WOB ATIONS:	RUN: MANUF HUGHS RPM 40/145 ORS:	09/03/20 08/23/20 TYPE T506 GPM 440 E IG A //GAL .33 Incl 2.8 2.8 2.8 2.8 2.8 2.8 Cels 10mi p lter Cake/3 E ACID-2,PO	et Size 014 8 5/8 014 16 SERIAL NO. 7153649 PRESS 1,800 TYPE RROW HRS 23.50 Azimuth 164.62 162.64 161.80 Vt 9.5 12 162.64 161.80 LY SWELL-1,SPAC LV-10,TRA	J-55 ARJ-55 ARJ-55 JETS 12/12/12/12/12 HHP 2.14 SERIAL NO 6278 24hr DIST 2,443 TVD 6,084 5,993 5,902 Alk CI ppm Ca ppm PF M WPS ALT-2,GEL-28,L	24 45 TF. 2/12 0.66 HRS 2- 23.50 LOE 7/8 24HR 103. VS 665.6 667.4 669.2 1. 0.0 1.550 1. 20 1. 20 1. 21 1. 35	Dept 1,00 147 A DE 63 4hr DIST 2,443 BES DE 8403.66 407.89 412.11	th F 9 9 1,044 24HR F 103.9 EPTH IN 1,044 CUM H 32.0 530 520 520 Sand % olids % LGS % /ater %	DEPTH ROP CU	OUT M HRS 2.00 OUT CUM 3,9 DLS 0.1 0.1 0.3XS	I-O-E CUM 3,9 DATE I 11/17/20 DIST 60 Tool Ty MWD S MWD S MWD S LCM API WL	DIST 60 N D 114 CL 1 rpe Gurvey Gurvey Gurvey Survey /bbl _ bbls _ ppb _ cc _ cc _	CUM R 123.7 DATE OI JM ROP 23.75 Tool Tool Tool
Air He Urea 3 Urea 4 Ur	Sys 1 Hrs Sys 2 Hrs Sys 2 Hrs Sys 2 Hrs Sys 3 Hrs Sys 3 Hrs ASINGS ATIONS: WOB ATIONS:	RUN: MANUF HUGHS RPM 40/145 ORS:	O9/03/20 08/23/20 TYPE T506 GPM 440 GP	et Size 014 8 5/8 014 16 SERIAL NO. 7153649 PRESS 1,800 TYPE RROW HRS 23.50 Azimuth 164.62 162.64 161.80 Vt 9.5 12 162.64 161.80 LY SWELL-1,SPAC LV-10,TRA	J-55 ARJ-55 ARJ-55 JETS 12/12/12/12/12 HHP 2.14 SERIAL NO 6278 24hr DIST 2,443 TVD 6,084 5,993 5,902 Alk CI ppm Ca ppm pF M WPS ALT-2,GEL-28,L	24 45 TF. 2/12 0.66 HRS 2- 23.50 LOE 7/8 24HR 103. VS 665.6 667.4 669.2 1. 0.0 1.550 1. 20 1. 20 1. 21 1. 35	Dept 1,00 147 A DE 53 4hr DIST 2,443 BES DE 3 4 ROP 96 NS 403.66 407.89 412.11	th F 9 9 1,044 24HR F 103.9 EPTH IN 1,044 CUM H 32.0 530 520 520 Sand % olids % LGS % /ater %	DEPTH ROP CU	OUT M HRS 2.00 OUT CUM 3,9 DLS 0.1 0.1 0.3XS	I-O-E CUM 3,9 DATE I 11/17/20 DIST 60 Tool Ty MWD S MWD S MWD S LCM API WL	DIST 60 N D 114 CL 1 rpe Gurvey Gurvey Gurvey Survey /bbl _ bbls _ ppb _ cc _ cc _	CUM R 123.7 DATE OI JM ROP 23.75 Tool Tool Tool
Air He Urea (Ur	Sys 1 Hrs Sys 2 Hrs Sys 2 Hrs Sys 2 Hrs Sys 3 Hrs Sis 2	MANUF HUGHS RPM 40/145 ORS: MANUF HUNTIN AATIONS: REV 0 TMD 6,185 6,094 6,003 SND 88 46 15 11 Fi R-40,CITRIC AARB-19,MEG Flare Footha INFORMA	09/03/20 08/23/20 TYPE T506 GPM 440 GP	et Size 014 8 5/8 014 16 SERIAL NO. 7153649 PRESS 1,800 TYPE RROW HRS 23.50 Azimuth 164.62 162.64 161.80 Vt 9.5 1 4 1 10.0 12 1 SHOW SWELL-1,S. PAC LV-10,TRA 0	J-55 ARJ-55 ARJ-55 JETS 12/12/12/12/12 HHP 2.14 SERIAL NO 6278 24hr DIST 2,443 TVD 6,084 5,993 5,902 Alk CI ppm Ca ppm pF M: WPS ALT-2,GEL-28,L ILER-1,ENGINE	24 45 TF. 2/12 0.66 HRS 2- 23.50 . LOE 7/8 103. VS 665.6 667.4 669.2 . 0.0 1.550 1.2 1.2 1.2 1.2 1.6 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	Dept 1,00 147 A DE 63 4hr DIST 2,443 BES DE 3 4 NS 403.66 407.89 412.11 SC W.	th F 9 7 EPTH IN 1,044 24HR F 103.9 EPTH IN 1,044 CUM H 32.0 53(529 528 Sand % Oil % /ater % -8,PHPA ed MCF	DEPTH ROP CU 16 3 DEPTH RS 0 EW 1.0 8.0 7.0 92.0 -8,SAW D 0.0	OUT M HRS 12.00 OUT CUM 1 3,99 DLS 0.1 0.1 0.3 XS	I-O-I CUM 3,9 DATE I 11/17/20 DIST 60 Tool Ty MWD S MWD S MWD S Lime Ib, Saltt LCM API WL ITHP WL	DIST 600 N D 114 CL 1 (pe Survey Survey Gurvey /bbl _ bbls _ ppb _ CC _ CC _ CC _ NN-5,S0	CUM R 123.7 DATE OI JM ROP 23.75 Tool Tool Tool 6.8
Air He Urea (Ur	Sys 1 Hrs Sys 2 Hrs Sys 2 Hrs Sys 2 Hrs Sys 3 Hrs Sys 3 Hrs Sys 3 Hrs ASINGS ITS: 6.5IZE 7.875 ATIONS: WOB IUD MOT SIZE 6.500 OR OPER WOB 22 ate 114 114 PERTIES Type Lipe Visc PV YP Ratio nts: BAF BIC. Ing: PUMP/BI ner 6.55	MANUF HUGHS RPM 40/145 ORS: MANUF HUNTIN AATIONS: REV 0 TMD 6,185 6,094 6,003 SND 88 46 15 11 Fi R-40,CITRIC AARB-19,MEG Flare Foot HA INFORMA Stroke Lee	O9/03/20 O8/23/20 TYPE T506 GPM 440 E IG A //GAL .33 Incl 2.8 2.8 2.8 2.8 Cels 10mi pi lter Cake/3 E ACID-2,PO A CIDE-3,I ot-Minutes ATION en 9.0	et Size 014 8 5/8 014 16 SERIAL NO. 7153649 PRESS 1,800 TYPE IRROW HRS 23.50 Azimuth 164.62 162.64 161.80 ot 9.5 cin 14 H 10.0 12 H 10.0 12 H 10.0 12 H 10.0 12 H 10.0 13 H 10.0 14 H 10.0 15 H 10.0 16 H 10.0 17 H 10.0 18 H 10.0 19 H 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.	J-55 ARJ-55 ARJ-55 JETS 12/12/12/12/12 HHP 2.14 SERIAL NO 6278 24hr DIST 2,443 TVD 6,084 5,993 5,902 Alk CI ppm Ca ppm Ca ppm PF MYS ALT-2,GEL-28,L ILER-1,ENGINE Flared MCF	24 45 TF. 2/12 0.66 HRS 2- 23.50 . LOE 7/8 - 24HR 1 103. VS 665.6 667.4 669.2 . 0.0 1,550 1 20 - 1.2 - 1.2 - 1.2 - 1.2 - 1.2 - 1.2 - 1.2 - 1.2 - 1.2 - 1.2 - 1.2 - 1.2 - 1.2 - 1.2 - 1.3 - 1.2 - 1.3 - 1.2 - 1.3	Dept 1,00 147 A DE 63 4hr DIST 2,443 BES DE 3 4 ROP 96 NS 403.66 407.89 412.11 SG W. CA-7,LIME- Cum. Flare	th F 9 9 1,044 24HR F 103.9 EPTH IN 1,044 CUM H 32.0 530 520 520 Sand % olids % LGS % /ater %	DEPTH ROP CU 16 3 DEPTH RS DEPTH RS 0.62 9.38 3.02 1.0 8.0 7.0 92.0 -8,SAW D SF	OUT M HRS (2.00) OUT CUM 3,96 DLS	I-O-E CUM 3,9 DATE I 11/17/20 DIST 60 Tool Ty MWD S MWD S MWD S Alt b LCM I API WI ITHP WI 55,FLOZA	DIST 600 N D 114 CL 1 (pe Gurvey Survey) (bbl = ppb = cc = cc = N-5,S0	CUM R 123.7 DATE OI JM ROP 123.75 Tool Tool Tool Tool Tool Tool PSI 37
Air He Urea (Ur	Sys 1 Hrs Sys 2 Hrs Sys 2 Hrs Sys 2 Hrs Sys 3 Hrs Size 1.875 ATIONS: WOB IUD MOT SIZE 6.500 OR OPER WOB 22 ate 114 114 PERTIES Type 1.1 Type 2.1 Type 2.1 Type 3.1 Type 3.1 Type 3.1 Type 4.1 Type 4.1 Type 5.5 Type 6.5	MANUF HUGHS RPM 40/145 ORS: MANUF HUNTIN ATIONS: REV 0 TMD 6,185 6,094 6,003 -SND 88 46 15 Flare Food ARB-19,MEG Flare Food HA INFORMA Stroke Lee St	09/03/20 08/23/20 TYPE T506 GPM 440 E IG A //GAL .33 Incl 2.8 2.8 2.8 2.8 2.8 Cels 10mi pi lter Cake/3 E ACID-2,PO A CIDE-3,I ot-Minutes ATION En 9.0 9.0 En 9.0 En 9.0 En	et Size 014 8 5/8 014 16 SERIAL NO. 7153649 PRESS 1,800 TYPE RROW HRS 23.50 Azimuth 164.62 162.64 161.80 Vt 9.5 10 4 10.0 12 1 12 1 13 1 14 1 14 1 10.0 15 1 15 1 17 SWELL-1,S.PAC LV-10,TRA O SPM 5PM 5PM 5PM 5PM 5PM	J-55 ARJ-55 ARJ-55 ARJ-55 JETS 12/12/12/12/12 HHP 2.14 SERIAL NO 6278 24hr DIST 2,443 TVD 6,084 5,993 5,902 Alk CI ppm Ca ppm PF WPS ALT-2,GEL-28,L ILER-1,ENGINE Flared MCF	24 45 TF. 2/12 0.66 HRS 2- 23.50 . LOE 7/8 103. VS 665.6 667.4 669.2 . 0.0 1.550 1.2 1.2 1.2 1.2 1.6 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	Depti 1,000 147 A DE 63 Ahr DIST 2,443 BES DE 83 4 ROP 96 NS 403.666 407.89 412.11 SC W. CA-7,LIME-Cum. Flare GPM GPM GPM GPM GPM	th F 9 7 EPTH IN 1,044 24HR F 103.9 EPTH IN 1,044 CUM H 32.00 530 520 520 520 Sand % Oil % /ater % -8,PHPA ed MCF	DEPTH ROP CU 16 3 DEPTH RS 0 EW 1.0 8.0 7.0 92.0 -8,SAW D 0.0	OUT M HRS (2.00) OUT CUM 3,90 DLS 0.1 0.1 0.3 XS	I-O-E CUM 3,9 DATE II 11/17/20 DIST 60 Tool Ty MWD S MWD S MWD S API WL ITHP WL 55,FLOZA	DIST 60 N D 114 CL 1 (pe Gurvey Gurvey Survey /bbl	CUM R 123.7 DATE OI JM ROP 23.75 Tool Tool Tool Tool Tool Tool PSI 37 PSI 37 PSI 37 PSI 37
Air He Urea (Ur	Sys 1 Hrs Sys 2 Hrs Sys 2 Hrs Sys 2 Hrs Sys 3 Hrs Sis 2	MANUF HUGHS RPM 40/145 ORS: MANUF HUNTIN ATIONS: REV 0 TMD 6,185 6,094 6,003 SND 88 46 15 11 Fi R-40,CITRIC ARB-19,MEG Flare Footh Manufacture Footh Stroke Lee Stroke Lee Stroke Lee	O9/03/20 O8/23/20 TYPE T506 GPM 440 GP	et Size 014 8 5/8 014 16 SERIAL NO. 7153649 PRESS 1,800 TYPE RROW HRS 23.50 Azimuth 164.62 162.64 161.80 Vt 9.5 10 4 10.0 12 1 12 1 13 1 14 1 14 1 10.0 15 1 15 1 17 SWELL-1,S.PAC LV-10,TRA O SPM 5PM 5PM 5PM 5PM 5PM	J-55 ARJ-55 ARJ-55 ARJ-55 ARJ-55 ARJ-55 ARJ-55 ARJ-55 ARJ-55 JETS 12/12/12/12/12 HHP 2.14 SERIAL NO 6278 24hr DIST 2,443 TVD 6,084 5,993 5,902 Alk CI ppm Ca ppm pF M WPS ALT-2,GEL-28,L SILER-1,ENGINE Flared MCF	24 45 TF. 2/12 0.66 HRS 2: 23.50 . LOE 7/8 24HR 103. VS 665.6 667.4 669.2	Dept 1,00 147 A DE 63 4hr DIST 2,443 BES DE 8403.66 407.89 412.11 SC WAA-7,LIME- Cum. Flare GPM GPM	th F 9 7 EPTH IN 1,044 24HR F 103.9 EPTH IN 1,044 CUM H 32.0 530 528 Sand % Oil % Vater % -8,PHPA ed MCF 444 ——— 885.1	DEPTH COP CU 166 3 DEPTH IRS 10 8.0 7.0 92.0 -8,SAW D SP SP	OUT M HRS (2.00) OUT CUM 3,90 DLS 0.1 0.1 0.3 XS	I-O-I CUM 3,9 DATE I 11/17/20 DIST 60 Tool Ty MWD S MWD S MWD S Alth LCM API WL ITHP WL 55,FLOZA	DIST 60 N D 114 CL 1 (pe Gurvey Survey /bbl	CUM F 123.7 DATE Of JM ROF 23.75 Tool Tool Tool Tool Tool Tool Tool Too

BHA MAKEUP			0.0	ın	1	184 - 1 - L 4 (64 BL)	Ossisl Namelan	_			
#	Compone		OD	ID	Length	Weight (ft/lb)			Description	V40	
1	DRILL BI		7.875		1.00		7153649		IUGHS T506 6		
2	MUD MOTO	JR	6.500	0.000	26.69		6278		.5 DEG FBH 7 33REV	7/8 4.8STG.	
3	NON MAG MO	ONEL	6.063	2.875	31.53		ATM64-513	4	.5 XH P x B		
4	EM GAP SI	JB.	6.313	2.813	3.80		GSB0401	4	.5 XH P x B		
5	NON MAG FLEX MONEI		6.000	2.750	29.61		9041		.5 XH P x B		
	6 DRILL COLLAR		6.500	2.750	29.34		RIG		.5 XH P x B		
7	6 DRILL COLLAR 7 18JTS HWDP										
/			4.500	2.750	548.65				4.5 XH P x B 4.5 XH P x B(SMITH)HE JARS		
8	DRILLING JA	ARS	RS 6.375 2.2		31.65		80358G		.5 XH P x B(S RUN 1)	MITH)HE JAR	S
9	6JTS HWD)P	4.500	2.750	182.79		RIG		.5 XH P x B		
DAILY COSTS		DAILY		CUM	AFE		_	DAILY	CUM	AFE	
8100100: Perr	mits & Fees		1	13,031	4,500	8100105: Insui	rance			2,000	
8100110: Stak	kina & Survevina				1,500	8100120: Surfa	ace Damages & R				
	8100110: Staking & Surveying 8100200: Location Roads		3	34,101	50,000	8100210: Recl					
8100220: Secondary Reclamati				,		8100230: Pit S	olidification			5,000	
8100300: Wat							er/Water Disposa		2,258	7,500	
8100 320 Mud		6.871	1 1	12 604	45 000	8100 325 Oil B			1,200	,,,,,,	

DAILY COSTS	DAILY	CUM	AFE		DAILY	
8100100: Permits & Fees		13,031	4,500	8100105: Insurance		
8100110: Staking & Surveying			1,500	8100120: Surface Damages & R		
8100200: Location Roads		34,101	50,000	8100210: Reclamation		
8100220: Secondary Reclamati				8100230: Pit Solidification		
8100300: Water Well				8100310: Water/Water Disposa		
8100320: Mud & Chemicals	6,871	12,604	45,000	8100325: Oil Base Mud Diesel		
8100400: Drilling Rig	21,935	91,925	127,000	8100402: Drilling Rig Cleani		
8100405: Rig Fuel	9,892	9,892	40,000	8100410: Mob/Demob		
8100420: Bits & Reamers			15,500	8100500: Roustabout Services		
8100510: Testing/Inspection/	605	3,805	5,000	8100520: Trucking & Hauling		
8100530: Equipment Rental	3,260	9,831	25,000	8100531: Down Hole Motor Ren		
8100532: Solids Control Equi	425	1,275	7,000	8100535: Directional Drillin	8,150	
8100540: Fishing				8100600: Surface Casing/Inte		
8100605: Cementing Work		18,844	25,000	8100610: P & A		
8100700: Logging - Openhole			15,000	8100705: Logging - Mud		
8100800: Supervision/Consult	4,800	14,400	25,000	8100810: Engineering/Evaluat		
8100900: Contingencies	5,933	21,204		8100950: Administrative O/H		
8100999: Non Operated IDC				8200510: Testing/Inspection/		
8200520: Trucking & Hauling			7,000	8200530: Equipment Rental		
8200605: Cementing Work			25,000	8210600: Production Casing	105,011	
8210620: Wellhead/Casing Hea		6,889	20,000	Total Cost	166,882	

17,000 7,000 10,000 1,500 76,000

2,000 37,500 94,000 717,000

683

16,300 20,063

107,290 384,394

ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/20/2014

	CONSUL	TANT JOHN	I FREITAS/	ED 35-44-720 KING BROW	N PHONE#	AFE#		CONTR	_		11/17, Ensign 1	22	
TD AT REP		6,636' 7,115'	FOOTAGE PRESENT	1,632' OPS	PRATE 69 Directional Dr				3.5 DRL DGIC SECT		SINCE SP	UD _	3
DAILY MUD		SURF:	0	DH:		CUM. MUD		SURF:			DH:		124
MUD COMP		11/19/2014	ANC	HOR SING SIZE		MUD ENGI NEXT CA				SEAN LE	<u> </u>	een.	0
		11/10/2014	NEXT CA	SING SIZE _	3 1/2	NEXT CA	SING DEF	· III	7,095	33E _	3	3ED _	
TIME BREA DI		AL DRILLING	323.50	<u> </u>	RIG	SERVICE	0.50						
DETAILS	- Frad	Lleo											
Start 06:00	End 12:00	Hrs 06:00	GPM=423	, TOP DRIVE	IG FROM 5004 RPM=30-45, M :300-400 PSI, V	otor rpi	∕l=140, TO	TAL RP					
12:00	12:30	00:30	RIG SERV		E WASH PIPE		, ROUGH	NECK, F	PILLAR BLC	CKS, AN	ID CATWA	LK - CH	IECK
12:30	18:00	05:30	DIRECTIC GPM=423 PSI, DIFF	NAL DRILLIN , TOP DRIVE PRESSURE=	IPS AND MOTO IG FROM 5415' RPM=30-45, M :300-400 PSI, V	TO 5826' (4 OTOR RPM	∕l=140, TO	TAL RP					
18:00	00:00	06:00	GPM=423	NAL DRILLIN TOP DRIVE	IG FROM 5826 RPM=30-45, M :300-400 PSI, V	otor rpì	∕l=140, TO	TAL RP					
00:00	06:00	06:00	GPM=400	NAL DRILLIN TOP DRIVE	IG FROM 6274 RPM=30-45, M 250-400 PSI, V	OTOR RPÌ	∕l=132, TO	TAL RP	M=190, OFI 00 FT/LBS.	F BOTTO	M PRESS 9.8. VIS 5	URE=2 [,] 3. LOS1	150 Γ 124
05:55	05:55	00:00	BBL TOTA SAFETY M SAFETY M REGULAT INCIDENT SAFETY D REGULAT DAYLIGHT	AL. DOWN LIN MEETING DAY MEETING NIG ORY VISITS:	JK MWD TOÓL YS:PPE, SWA. IHTS: PPE,SW/ NONE E. ES: NONE. EMBERS	TO CONSE	ERVE POV EMICALS	VER.	•		,	,	
	ays vs De ays vs De	epth:			# LL/	AFE Cost \ BP Receive	/s Depth: d Today:						
Nano V Frac V Resen Boiler Air He Urea Urea S Urea S	Well Wate Water	er er		Used 1,820.0 17.50	Received Tra	insferred	On Han 1,750.	0 6	m.Used 6,320.0 56.50				
RECENT CA Surface Conductor	ASINGS R	RUN:	Date Set 09/03/2014 08/23/2014	4 8 5/8	Grade J-55 ARJ-55	Weigh 24 45	1,	epth 009 147	FIT Depth	n FIT	ppg		
	I TS: BIZE .875	MANUF HUGHS	TYPE S T506	ERIAL NO. 7153649	JETS 12/12/12/12/1		TFA 0.663	DEPTH 1,044		H OUT	I-O-D-L	-B-G-O-	-R
BIT OPERA BIT 1	ATIONS: WOB	RPM 40/145	GPM 440	PRESS 2,400	HHP 2.16	HRS 23.50	24hr DIS 1,632			JM HRS 55.50	CUM DIS 5,592		M ROP 00.76
	UD MOTC SIZE 6.500	ORS: MANUF HUNTING		/PE ROW	SERIAL NO 6278		OBES 7/8 4	DEPTH 1,044	IN DEPTH		DATE IN 1/17/2014	DATE	E OUT
MUD MOTO # 1	OR OPERA WOB 25	ATIONS: REV/ 0.3		HRS 23.50	24hr DIST 1,632		R ROP 9.45		M HRS 5.50	CUM E 5,59		CUM F 100.7	
SURVEYS Da 11/20/20 11/20/20 11/20/20	14 14	TMD 6,728 6,637 6,547	Incl 2.5 2.4 2.7	Azimuth 147.92 155.85 159.95	TVD 6,626 6,535 6,445	VS 656.5 657.3 658.6	N: 379.9 383.3 387.0	3 6	EW 538.86 537.02 535.53	0.4 0.4	Tool Type MWD Sur MWD Sur MWD Sur	∕ey Too	l
O/W R Commen	ype Lemp. Visc PV YP Latio hts: ALUI 9,SA	50 20 14 Filt W STYEARAT WDUST 75,F	LOWZAN 4	SOLTEX 1,W	Alk CI ppn Ca ppn pf M WPS L PAC HV 2,AN ALNUT 30,MEC	1,400 30 1.0 f 4.0 S CO DD 2,H GA-CIDE 4,	II-YIELD G PAC LV 10	0,,TRAIL	% 10.0 9.0 % 90.0 IGNITE 4,M ER-1,ENGI	 H' IICA 11,L	Lime lb/bb Salt bbls LCM ppb API WL co THP WL co IME 13,PH G 1.	55	5.2
Flarir	ng:	Flare Foot	t-Minutes	0	Flared MCF	0.0	Cum. Fl	ared MC	CF <u>0.0</u>				

12/12/2014 1:07 FTM REE RIVERS FED 35-44-720

Page 1

Pump 2 Liner 6.5 S	troke Len <u>9.0</u> troke Len <u>9.0</u> troke Len STEARABL	SPM _ SPM _ .E		PSI 2,250	SPR SPR SPR	43 S S Hours	low PSI 450 low PSI 337 low PSI on BHA 56 n Motor 56
BHA MAKEUP:							
	mponent	OD ID				escription	N/40
		7.875 6.500 0.00	1.00 0 26.69	7153649 6278		UGHS T506 6 5 DEG FBH 7	
2 10101	J WIOTOR I	0.00	20.09	0276		3REV	/6 4.031G.
3 NON N	MAG MONEL (6.063 2.87	5 31.53	ATM64-513		5 XH P x B	
		6.313 2.81		GSB0401		5 XH P x B	
		6.000 2.75		9041		5 XH P x B	
		6.500 2.75 4.500 2.75		RIG RIG		5 XH P x B 5 XH P x B	
		6.375 2.25		80358G			MITH)HE JARS
0 DIVIE	LING SAIRO	0.070 2.20	0 31.03	003300		RUN 1)	WITTIJITE SAIRO
9 6JT	S HWDP	4.500 2.75	0 182.79	RIG	4.	5 XH P x B	
DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100100: Permits & Fees		13,031	4,500	8100105: Insurance	DAILT	COIVI	2.000
8100110: Staking & Surve		13,031	1,500	8100120: Surface Damages & R			2,000
8100200: Location Roads		34,101	50,000	8100210: Reclamation			
8100220: Secondary Rec		34,101	30,000	8100230: Pit Solidification			5,000
8100300: Water Well	iamati			8100310: Water/Water Disposa	410	2,668	7,500
8100320: Mud & Chemica	als 7,189	19,793	45,000	8100325: Oil Base Mud Diesel	110	2,000	7,000
8100400: Drilling Rig	19,950	111.875	127.000	8100402: Drilling Rig Cleani			
8100405: Rig Fuel		9,892	40,000	8100410: Mob/Demob			17,000
8100420: Bits & Reamers	3		15,500	8100500: Roustabout Services			7,000
8100510: Testing/Inspect	ion/ 550	4,355	5,000	8100520: Trucking & Hauling		683	10,000
8100530: Equipment Ren	tal 3,260	13,091	25,000	8100531: Down Hole Motor Ren			1,500
8100532: Solids Control E	Equi <u>425</u>	1,700	7,000	8100535: Directional Drillin	8,150	24,450	76,000
8100540: Fishing				8100600: Surface Casing/Inte		20,063	20,000
8100605: Cementing Wor		18,844	25,000	8100610: P & A			
8100700: Logging - Open			15,000	8100705: Logging - Mud			
8100800: Supervision/Co		19,200	25,000	8100810: Engineering/Evaluat			
8100900: Contingencies	5,038	26,242		8100950: Administrative O/H			
8100999: Non Operated I				8200510: Testing/Inspection/			2,000
8200520: Trucking & Hau			7,000	8200530: Equipment Rental	4.500	400.000	37,500
8200605: Cementing Wor		0.000	25,000	8210600: Production Casing	1,592	108,882	94,000
8210620: Wellhead/Casir	ng неа [6,889	20,000	Total Cost	51,364	435,758	717,000

ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/21/2014

				LING KEP								
WELL NAME WELL SITE CONSU		E RIVERS FE F.IORADO/J			AFE# 713 948-9	140980 9196 (SPU CONTRAC	JD DATE		11/17/2 Ensign 12		
TD AT REPORT	7,075'	FOOTAGE	439'		3.7 CUM.		RS 92.0	DRLG	DAYS S			4
ANTICIPATED TD _ DAILY MUD LOSS	7,115' SURF:		OPS DH:	Directional Di 290	rilling at 7,075		GEOLOG SURF:	O SECT.		DH:		414
MUD COMPANY:	SUKF	ANCH	_		MUD ENGIN		SUKF.		 SEAN LEH			414
LAST BOP TEST _	11/18/2014	NEXT CAS	ING SIZE	5 1/2	NEXT CAS	ING DEF	PTH7		SSE _		ED	0
TIME BREAKDOWN DIRECTION	NAL DRILLING	323.50_	_	RIG	SERVICE	0.50						
DETAILS												
Start End 06:00 12:00	Hrs 06:00	GPM=443,	TOP DRIVE	NG FROM 6636 ERPM=30-45, N =250-400 PSI, V	iotor rpm:	=146, TO	TAL RPM=					
12:00 12:30	00:30	RIG SERVI		SE WASH PIPE		ROUGH	NECK, PIL	LAR BLOC	CKS, AND	CATWAI	K - CH	HECK
12:30 00:00	11:30	DIRECTION GPM=443,	NAL DRILLII TOP DRIVE	MPS AND MOTO NG FROM 6772 ERPM=30-45, N =250-400 PSI, V	'TO 6990' (2 <i>°</i> IOTOR RPM:	=146, TO	TAL RPM=					200
00:00 06:00	06:00	DIRECTION GPM=443,	NAL DRILLII TOP DRIVE	NG FROM 6990 RPM=30-45, N	'TO 7075' (85 IOTOR RPM:	5')14.1ft/h =146, TO	nr. TAL RPM=	=176, OFF	воттом	PRESSU	JRE=2	200
05:55 05:55	00:00	SAFETY M SAFETY M REGULATO INCIDENTS SAFETY DI REGULATO DAYLIGHT	EETING DA EETING NIC DRY VISITS S: NONE. RILLS: NON	IE. ES: STATE & B IEMBERS	MIXING CHE A. COLD WE	ÉMICALS EATHER A	And Addii	NG METHI		•		
AFE Days vs D DWOP Days vs D	epth: epth:			# LL/	AFE Cost Vs BP Received	s Depth: I Today:					-	
FUEL AND WATER Fluid Fuel Gas Fresh Well Wat Nano Water Frac Water Reserve Pit Wa Boiler Hours Air Heater Hour Urea Urea Sys 1 Hrs Urea Sys 2 Hrs Urea Sys 3 Hrs	er ter		Used 2,020.0	Received Tra 3,000.0	ansferred	On Han- 2,730.	0 8,3	Jsed 40.0				
RECENT CASINGS Surface Conductor	RUN:	Date Set 09/03/2014 08/23/2014		Grade J-55 ARJ-55	Weight 24 45	1,	epth I 009 147	FIT Depth	FIT p	pg		
RECENT BITS: BIT SIZE 1 7.875	MANUF HUGHS		ERIAL NO. 7153649	JETS 12/12/12/12/1		FA 663	DEPTH IN 1,044	DEPTH	OUT	I-O-D-L- 0-4A-X		
BIT OPERATIONS: BIT WOB 1	RPM 40/145	GPM 400	PRESS 2,250	HHP 1.61	HRS 23.50	24hr DIS 439	T 24HR 18.6		M HRS 9.00	CUM DIS 6,031		M ROP 76.34
# SIZE 1 6.500	ORS: MANUF HUNTING			SERIAL NO 6278		OBES 7/8 4	DEPTH IN 1,044	DEPTH		ATE IN /17/2014	DAT	E OUT
MUD MOTOR OPER # WOB 1 28	ATIONS: REV/ 0.3		HRS 23.50	24hr DIST 439		R ROP 3.68	CUM I 79.0		CUM DIS 6,031	ST	CUM F 76.3	
SURVEYS	0.0		_3.00	100	10		, , , ,		0,001		. 0.0	
Date 11/21/2014 11/21/2014 11/21/2014	TMD 7,000 6,909 6,819	Incl 3.3 3.2 2.7	Azimuth 150.04 148.54 148.14	TVD 6,898 6,807 6,717	VS 654.3 655.2 655.9	NS 368.0 372.4 376.4	6 54 8 54	EW 6.10 3.48 1.05	0.2 M 0.5 M	ool Type IWD Surv IWD Surv IWD Surv	ey Toc	ol
MUD PROPERTIES	CND	NA1 NA//	0.7	A **	, 00		Co1 0/	0.0	VOL	mall-#-1-1		
Temp Visc PV O/W Ratio Comments: ALU	47 (16 10 Filt	Mud Wt Gels 10sec Gels 10min pH er Cake/32 ES E 1,ANCO B SOLTEX 39,\	9.7 3 8 10.0 1 AR 60,DRIL WALNUT 50	Alk CI ppr Ca ppr pl WP: WP: L PAC HV 2,AN MEGA-CIDE 6	n 1,500 n 50 F 0.4 lf 3.1 S	 YIELD G 30,PAC L	Sand % Solids % LGS % Oil % Water % EL 19,LIG V 14,TRAI	9.0 9.0 8.0 91.0 NIT 2,MIC/ LER-1,ENO	A A HTH A 30,LIME	me lb/bbl Salt bbls LCM ppb PI WL cc HP WL cc : 9,PHPA IG 1.		5.6 /DUST
Flaring:	Flare Foot	t-Minutes _	0	Flared MCF	0.0	Cum. FI	ared MCF	0.0				
SURFACE PUMP/BH Pump 1 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight 155,0	HA INFORMAT Stroke Ler Stroke Ler Stroke Ler	TION 1 9.0 1 9.0 1 ETEARABLE	SPM - SPM - SPM -	126 P	2SI <u>2,250</u> 2SI 2SI	GP GP GP Leng	M <u>444</u> M	SP SP	R <u>43</u> R	Slo		3 <u>37</u> 80

3,260 425

4,800 6,554

8100..510: Testing/Inspection/ 8100..530: Equipment Rental 8100..532: Solids Control Equi 8100..540: Fishing 8100..605: Cementing Work 8100..700: Logging - Openhole

8100..800: Supervision/Consult 8100..900: Contingencies 8100..999: Non Operated IDC

8200..520: Trucking & Hauling 8200..605: Cementing Work 8210..620: Wellhead/Casing Hea

4,355 16,351 2,125

18,844

24,000

32,796

6,889

5,000 25,000 7,000

25,000 15,000

25,000

7,000

25,000 20,000

BHA MAKEUP:											
#	Compone		OD	ID	Length	Weight (ft/lb)			escription	(10	
1 2	DRILL BI		7.875 5.500	0.000	1.00 26.69		7153649 6278		JGHS T506 6) 5 DEG FBH 7/		
2	MUD MOTO		.500).000	20.09		0270		3REV	0 4.031G.	
3	NON MAG MO	ONEL 6	.063	2.875	31.53		ATM64-513	4.5 XH P x B			
4	EM GAP SI	JB 6	.313	2.813	3.80	GSB0401		4.	5 XH P x B		
5	NON MAG FLEX			2.750	29.61	9041			5 XH P x B		
6	6 DRILL COLLAR			2.750	29.34		RIG		5 XH P x B		
7 18JTS HWD				2.750	548.65		RIG		5 XH P x B		
8 DRILLING JAR		ARS 6	.375	2.250	31.65		80358G		5 XH P x B(SN	IIIH)HE JAF	(S
9	C ITC LIME	ND 4	F00	2.750 182.79		RIG			UN 1)		
9	6JTS HWD)P 4	.500	2.750	162.79		RIG	4.3	5 XH P x B		
DAILY COSTS		DAILY	CUM		AFE		_	DAILY	CUM	AFE	
8100100: Pern	nits & Fees		13,03	1	4,500	8100105: Inst	ırance			2,000	
8100110: Stak	ing & Surveying				1,500	8100120: Sur	face Damages & R				
8100200: Loca	tion Roads		34,10	1	50,000	8100210: Red	lamation				
8100220: Seco	ondary Reclamati					8100230: Pit \$	Solidification			5,000	
8100300: Wate	er Well					8100310: Wat	ter/Water Disposa	420	3,088	7,500	
8100320: Mud	& Chemicals	13,215	33,00	8	45,000	8100325: Oil I	Base Mud Diesel				
		19,425	131,30	0	127,000	8100402: Drill	ing Rig Cleani				
8100405: Rig Fuel		9,889	19,78	1	40,000	8100410: Mol	o/Demob			17,000	
8100420: Bits & Reamers					15,500	8100500: Rou	stabout Services			7,000	
0400 F40 T+	ta a florence de Ceret		4.00	_	F 000	0400 F00 T	ا بداناه بدانی ا	, and the second	000	40.000	

8100..520: Trucking & Hauling 8100..531: Down Hole Motor Ren

8100..531: Down Hole Motor Re 8100..535: Directional Drillin 8100..600: Surface Casing/Inte 8100..610: P & A 8100..705: Logging - Mud 8100..810: Engineering/Evaluat 8100..950: Administrative O/H 8200..510: Testing/Inspection/ 8200..530: Equipment Rental 8210..600: Production Casing

8210..600: Production Casing

Total Cost

12/12/2014 1:07 FTM REE RIV	'ERS FED 35-44-720
-----------------------------	--------------------

7,000 10,000

1,500 76,000

2,000 37,500

94,000 717,000

683

32,600 20,063

108,882 501,896

8,150

66,138

ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/22/2014

WELL NAM	1E	THREE	DAILY DRI E RIVERS FED 35-44		ORIDAIE: AFE#14098			11/17/2014
			EJORADO/J.MEJORA					sign 122 EE SPUD 5
TD AT REP			FOOTAGE 9' PRESENT OPS		9.0 COM. DRLG. on Casing at 7,084'		DRLG DAYS SINC SECT.	E SPUD5
DAILY MUI		SURF:	0 DH:	200	CUM. MUD LOSS		D	H: <u>614</u>
MUD COMP		11/18/2014	ANCHOR NEXT CASING SIZE	5 1/2	MUD ENGINEER: NEXT CASING D	FPTH 7.05	SEAN LEHNE 4	N
			NEXT OAGING GIEL	0 1/2	_ NEXT OAGING D	<u> </u>	<u> </u>	
TIME BREA		I NG & CEMENT RIG REPAIRS WIRELINE	1.00		S SERVICE 0.	50	DIRECTIONAL DRIL TRIP	LING 1.00 PING 6.50
DETAILS								
Start 06:00	End 07:00	Hrs 01:00	DIRECTIONAL DRII GPM=400, TOP DR PSI, DIFF PRESSUI	VE RPM=30-45, N	MOTOR RPM=132, ⁻	TOTAL RPM=17		
07:00 08:00	08:00 14:30	01:00 06:30	CIRCULATE - PUMI T.O.O.H. FROM 708 1600' TO 1000' TO I	P HIGH VIS SWEE 14' TO 98' - PUMP	EP CIRCULATE SHA AND ROTATE OUT	AKER CLEAN		
14:30	15:00	00:30	DIRECTIONAL WOR	RK - LAYDOWN D		S, PULL MWD 1	TOOL - DRAIN MUD	MOTOR, BREAK
15:00	15:30	00:30	RIG SERVICE - GR	EASE WASH PIPE		SHNECK, PILLAI	R BLOCKS, AND CA	TWALK - CHECK
15:30	20:00	04:30	OIL LEVEL IN ALL F R/U HALLIBURTON SPEED UP 60 FPM TELEMTRY, DUEL	WIRELINE, SAFE / LOGGERS DEP SPACE NEUTRON	ETY MEETING AND TH 6743',TOOLS- R N, DNS DECENTRA	ELEASABLE WI LIZER, SPECTR	RELINE CABLE HE CAL DENSITY TOOL	AD,GAMMA ,DENSITY INSITE
20:00	01:30	05:30	PAD, ARRAY COMPRESISTIVITY SONE RIG UP AND RUN 4 JOINTS +FLOAT SH FIRST 4 JOINTS TH	DE SECTION, HOL 17 JOINTS 5 1/2" N HOE AND FLOAT (HEN EVERY 3RD 1	LE FINDER N-80 AND 113 JOIN COLLAR. THREAD	TS 5 1/2" J-55, 1 LOCK FIRST TV	7#, LT&C CASING + VO JOINTS - RUN C	- 2 MARKER ENTRALIZERS ON
01:30	02:30	01:00	THROUGH SPOTS FLAT TIRE ON LOA		LOAD CASING ON	RACKS - CIRC	ULATE & WORK PIF	PE UNTIL TIRE
02:30	04:00	01:30	WAS REPAIRED FINISH RUNNING O	ASING FROM 62	50'- PULL ROTATIN	IG HEAD & MAK	E UP LANDING JOI	NT AND HANGER
04:00	05:30	01:30	& LAND CASING CIRCULATE BOTTO					
05:30 05:55	06:00 05:55	00:30 00:00	BEGIN PUMPING C SAFETY MEETING SAFETY MEETING REGULATORY VISI	EMENT DETAILS DAYS:PPE, SWA. NIGHTS: PPE,SW	TO FOLLOW TRIPING PIPE, LO	GGING.		
AFE D	Days vs D	Depth:	SAFETY DRILLS: N REGULATORY NOT DAYLIGHT: 5 CREV NIGHTS: 5 CREW N	TICES: STATE & E V MEMBERS MEMEBERS	AFE Cost Vs Deptl	n:		
DWOP D	Days vs D	epth:		# LL	/BP Received Toda	y:		
Nano Frac V	Well Wa Water Vater	ter	Used 1,330.0	Received Tr 0.0	ransferred On H 0.0 1,40			
Boiler Air He Urea Urea S	ve Pit Wa Hours eater Hou Sys 1 Hrs Sys 2 Hrs	rs	17.00			73.5 0.0	0	
Urea	Sys 3 Hrs	}						
Production Production Production Surface Conductor	ASINGS	RUN:	Date Set Siz 11/22/2014 5 1 11/22/2014 5 1 09/03/2014 8 5 08/23/2014 16	/2 N-80 /2 J-55 /8 J-55	Weight 17 17 17 24 45	Depth 7,054 4,979 1,009 147	Depth FIT ppg	
	ITS: SIZE 7.875	MANUF HUGHS	TYPE SERIAL NO T506 7153649). JETS 12/12/12/12/	TFA 12/12 0.663	DEPTH IN D		D-D-L-B-G-O-R T-A-X-1/16-WT-TD
BIT OPERA BIT 1	ATIONS: WOB	RPM 40/145	GPM PRES: 400 2,250		HRS 24hr D	DIST 24HR RO 9.00		M DIST CUM ROP 5,040 75.50
	I UD MOT SIZE 6.500	ORS: MANUF HUNTING		SERIAL NO 6278	O. LOBES 7/8 4	DEPTH IN C 1,044	DEPTH OUT DATI 7,084 11/17/	
MUD MOTO # 1	OR OPER WOB 28	RATIONS: REV/0 0.3		24hr DIS 9	T 24HR ROP 9.00	CUM HRS 80.00	S CUM DIST 6,040	CUM ROP 75.50
SURVEYS	-1-	TMD	land A. C. C.	T. (5)	\/0	NO T	N DIO T :	T
Da 11/21/20 11/21/20 11/21/20	14	TMD 7,000 6,909 6,819	Incl Azimuth 3.3 150.04 3.2 148.54 2.7 148.14	TVD 6,898 6,807 6,717	655.2 372	NS EV 3.06 546.1 2.48 543.4 5.41 541.0	0 0.2 MWI 8 0.5 MWI	Type O Survey Tool O Survey Tool O Survey Tool

O/W Ratio Comments: ALUM STYEARA	5,FLOWZAN	1,WALNUT 6,	CI pp Ca pp I WF LL PAC HV 1,	om <u>50</u> LGS % _ oF <u>0.3</u> Oil % _ Mf <u>1.8</u> Water % _	8.0 6.0 92.0 LIGNIT 3,MI	XS Lime lb/bb Salt bbl LCM ppl API WL c HTHP WL c CA 53,LIME 7 ETS & SHRINI	5.2 ,PHPA
Flaring: Flare Fo	ot-Minutes	0	Flared MCI	E 0.0 Cum. Flared MCF	0.0		
SURFACE PUMP/BHA INFORM/Pump 1 Liner 6.5 Stroke Long 2 Liner 6.5 Stroke Long BHA Makeup Up Weight 155,000 Dn Weight 155,	en <u>9.0</u> en <u>9.0</u> en STEARABLE	SPM _ SPM _		PSI 2,250 GPM 444 PSI GPM GPM GPM Length 885.1 Torque 11,500	SPR SPR SPR	43 S S Hours	low PSI 450 low PSI 337 low PSI on BHA 80 n Motor 80
BHA MAKEUP:							
# Compone 1 DRILL BI 2 MUD MOTO	T 7.	OD ID .875 .500 0.00	Length 1.00 0 26.69	Weight (ft/lb) Serial Number 7153649 6278	H 1.	escription UGHS T506 6 5 DEG FBH 7 3REV	
3 NON MAG MG 4 EM GAP S 5 NON MAG FLEX 6 DRILL COLI 7 18JTS HW 8 DRILLING J	UB 6. MONEL 6. LAR 6. DP 4.	.063 2.87 .313 2.81 .000 2.75 .500 2.75 .500 2.75 .375 2.25	3 3.80 0 29.61 0 29.34 0 548.65	ATM64-513 GSB0401 9041 RIG RIG 80358G	4. 4. 4. 4. 4. 4.	5 XH P x B 5 XH P x B(S	MITH)HE JARS
9 6JTS HWI	OP 4.	.500 2.75	0 182.79	RIG		RUN 1) 5 XH P x B	
DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100100: Permits & Fees		13,031	4,500	8100105: Insurance			2,000
8100110: Staking & Surveying			1,500	8100120: Surface Damages & R			
8100200: Location Roads		34,101	50,000	8100210: Reclamation			
8100220: Secondary Reclamati				8100230: Pit Solidification			5,000
8100300: Water Well				8100310: Water/Water Disposa	463	3,550	7,500
8100320: Mud & Chemicals	10,767	43,775	45,000	8100325: Oil Base Mud Diesel			
8100400: Drilling Rig	19,935	151,235	127,000	8100402: Drilling Rig Cleani			47.000
8100405: Rig Fuel 8100420: Bits & Reamers		19,781	40,000	8100410: Mob/Demob 8100500: Roustabout Services			7,000 7,000
8100510: Testing/Inspection/		4,355	15,500 5,000	8100520: Trucking & Hauling		683	10,000
8100530: Equipment Rental	3,260	19,611	25,000	8100531: Down Hole Motor Ren		003	1,500
8100532: Solids Control Equi	425	2,550	7.000	8100535: Directional Drillin	8,150	40,750	76.000
8100540: Fishing		_,000	.,,000	8100600: Surface Casing/Inte	0,.00	20.063	20,000
8100605: Cementing Work		18,844	25,000	8100610: P & A		-,	
8100700: Logging - Openhole	12,653	12,653	15,000	8100705: Logging - Mud			
8100800: Supervision/Consult	4,800	28,800	25,000	8100810: Engineering/Evaluat			
8100900: Contingencies	5,753	38,549		8100950: Administrative O/H			
8100999: Non Operated IDC				8200510: Testing/Inspection/			2,000
8200520: Trucking & Hauling	I	1	7,000	8200530: Equipment Rental			37,500
						400.000	
8200605: Cementing Work 8210620: Wellhead/Casing Hea		6,889	25,000 20,000	8210600: Production Casing Total Cost	66,205	108,882 568,101	94,000 717,000

ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/23/2014

WELL NAME			RIVERS FED 35-4		AFE#	140980	SPUD DATE	11/17/201	4
			JORADO/J.MEJOR				ONTRACTOR	Ensign 122	
TD AT REPO			FOOTAGE 0			I. DRLG. HR		DAYS SINCE SPUD	5
ANTICIPATE	_	7,115'	PRESENT OPS	Rig r	elease at 7,084		GEOLOGIC SECT.		
DAILY MUD		SURF:	DH:		CUM. MUI		SURF:0	DH:	614
MUD COMPA					MUD ENG	_			
LASI BOP I	ESI _	11/18/2014	NEXT CASING SIZ	ZE 5 1/2	NEXT CA	ASING DEPT	H 7,054	SSE <u> </u>	00
TIME BREAK	KDOWN								
		IG & CEMENT	2.00	NIPPLE	DOWN B.O.P.	2.00	RIG (JP / TEAR DOWN _	2.00
DETAILS									
Start	End	Hrs	0.4 ====) / 1.4 ==== 1.10	- \^//=/	LIDTON MUTN	1500 TOD DI		LID OFMENITEDO T	
06:00	08:00	02:00						UP CEMENTERS - T SACKS 11 PPG 3.5	
			LEAD CEMENT M	IXFD @ 20.92 (3AL/SK, 116 BF	SI S 485 SKS	14 PPG 1.35 YIFI [TAIL CEMENT MIXE	FD @ 5.82
			GAL/SK. SHUT DO	DWN WASH LIN	IES DROP PLU	G AND DISP	LACE WITH 163.7 I	BBLS FRESH WATER	R - FINAL
			CIRCULATING PR	RESSURE 1650	PSI BUMP PLU	G AND HOLE	D 2200 PSI FOR TW	O MINUTES - RELEA	ASE
			CEMENT TO SUR	TS HELD - RE	IURNS SLOW	ED WITH 35	BBLS LEFT OF DIS	SPLACEMENT - 0 BBI	LS
08:00	10:00	02:00	NIPPLE DOWN BO	OP - CLEAN MU	ID TANKS - RIG	GING DOW	N		
10:00	12:00	02:00	RIG DOWN FOR F	RIG MOVE - RIG	RELEASED @	1200 11/22/	/14		
05:55	05:55	00:00				NG, RIGGING	G DOWN, MOVING	RIG	
			SAFETY MEETING REGULATORY VIS		N⊏.				
			INCIDENTS: NONI						
			SAFETY DRILLS:	NONE.					
			REGULATORY NO DAYLIGHT: 5 CRE						
			NIGHTS: 5 CREW						
AFE Da	ays vs De	epth:			AFE Cost	Vs Depth: _			
DWOP Da	aýs vs De	epth:			# LL/BP Receiv	ed Toḋay: 🙎			
FUEL AND V	NATED	IISAGE							
Fluid	MAILIN	OSAGE	Use	d Received	Transferred	On Hand	Cum.Used		
Fuel			200.0	0.0	1,200.0	0.0	9,870.0		
Gas	A/-!! \A/-+								
Nano W	Vell Wate Vater	ei							
Frac W									
	e Pit Wa	ter							
Boiler F		•					73.50		
Urea	iter Hour	S				0.0			
	ys 1 Hrs					0.0			
	ys 2 Hrs								
Urea Sy	ys 3 Hrs								
CASING EQ	UIPMEN	IT							
RIG UP AN	D RUN 4	47 JOINTS 5 1	/2" N-80 AND 113 J	OINTS 5 1/2" J-	55, 17#, LT&C	CASING + 2	MARKER JOINTS 3	8693' & 4979'+ LIPSTI	CK FLOAT
				TWO JOINTS -	RUN CENTRA	LIZERS ON F	FIRST 4 JOINTS TH	IEN EVERY 3RD TO	SURFACE
CASING - C	PASING	SET @ 7054'	KND						

CEMENT JOB SUMMARY

SAFETY MEETING WITH HALLIBURTON - WITNESS TOP PLUG LOADED - RIG UP CEMENTERS - TEST LINES TO 5000 PSI - PUMP 50 BBLS 10.5 PPG TUNED SPACER, 146 BBLS 235 SACKS 11 PPG 3.5 YIELD LEAD CEMENT MIXED @ 20.92 GAL/SK, 116 BBLS 485 SKS 14 PPG 1.35 YIELD TAIL CEMENT MIXED @ 5.82 GAL/SK, SHUT DOWN WASH LINES DROP PLUG AND DISPLACE WITH 163.7 BBLS FRESH WATER - FINAL CIRCULATING PRESSURE 1650PSI BUMP PLUG AND HOLD 2200 PSI FOR TWO MINUTES - RELEASE PRESSURE FLOATS HELD - RETURNS SLOWED WITH 35 BBLS LEFT OF DISPLACEMENT - 0 BBLS CEMENT TO SURFACE - RIG DOWN CEMENTERS

RECENT CASINGS R Production Production Surface Conductor	UN:	Date S 11/22/20 11/22/20 09/03/20 08/23/20	014 5 1/2 014 5 1/2 014 8 5/8	Grade N-80 J-55 J-55 ARJ-55	Weigh 17 17 24 45	t Der 7,0 4,9 1,0	54 79 09	epth FIT	Гррд
RECENT BITS: BIT SIZE 1 7.875	MANUF HUGHS	TYPE T506	SERIAL NO. 7153649	JETS 12/12/12/12/12		TFA D .663	DEPTH IN DE 1,044	PTH OUT 7,084	I-O-D-L-B-G-O-R 2-4-CT-A-X-1/16-WT-TD
BIT OPERATIONS: BIT WOB 1	RPM 40/145	GPM 400	PRESS 2,250	HHP 1.61	HRS 1.00	24hr DIST 9	24HR ROP 9.00	CUM HRS 80.00	CUM DIST CUM ROP 6,040 75.50
# SIZE 1 6.500	RS: MANUF HUNTING		TYPE IRROW	SERIAL NO 6278		OBES D 7/8 4	DEPTH IN DE 1,044	PTH OUT 7,084	DATE IN DATE OUT 11/17/2014
MUD MOTOR OPERA # WOB 1 28	ATIONS: REV 0.3		HRS 1.00	24hr DIST 9		R ROP 9.00	CUM HRS 80.00	CUM 6,0	
11/21/2014	TMD 7,000 6,909 6,819	Incl 3.3 3.2 2.7	Azimuth 150.04 148.54 148.14	TVD 6,898 6,807 6,717	VS 654.3 655.2 655.9	NS 368.06 372.48 376.41	546.10	DLS 0.2 0.5 0.2	Tool Type MWD Survey Tool MWD Survey Tool MWD Survey Tool
SURFACE PUMP/BH/ Pump 1 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight 155,000	Stroke Lei Stroke Lei Stroke Lei	n <u>9.0</u> n <u>9.0</u> n stearab	SPM _ SPM _	P. P.	SI <u>2,250</u> SI SI	GPM GPM GPM Length Torque	1 1 1 <u>885.1</u>	SPR 4: SPR 4: SPR	3 Slow PSI 450 3 Slow PSI 337 Slow PSI 5 Hours on BHA 80 Hours on Motor 80

46,796

39,776 6,889

8,246

39,776

8100..900: Contingencies 8100..999: Non Operated IDC

8200..520: Trucking & Hauling 8200..605: Cementing Work 8210..620: Wellhead/Casing Hea

7,000 25,000 20,000

8100..950: Administrative O/H 8200..510: Testing/Inspection/ 8200..530: Equipment Rental

8210..600: Production Casing Total Cost

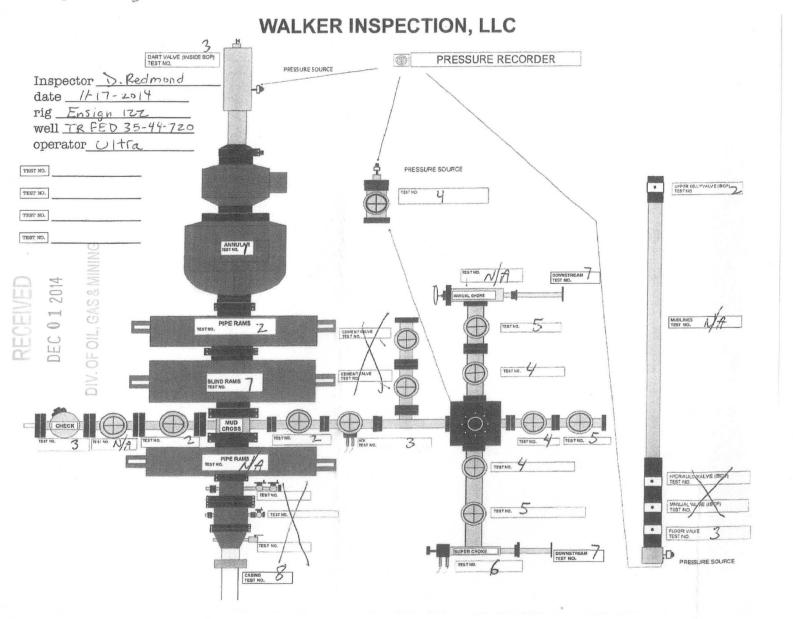
BHA MAKEUP:							
# Compone		OD ID			D	escription	
1 DRILL B		.875	1.00	7153649		UGHS T506 6	
2 MUD MOT	OR 6	5.500 0.00	00 26.69	6278		5 DEG FBH 7	/8 4.8STG.
3 NON MAG M	ONEI 6	.063 2.87	75 31.53	ATM64-513		3REV 5 XH P x B	
4 EM GAP S		3.313 2.81		GSB0401		5 XH P x B	
5 NON MAG FLE		.000 2.75		9041		5 XH P x B	
6 DRILL COL		5.500 2.75		RIG		5 XH P x B	
7 18JTS HW		.500 2.75		RIG		5 XH P x B	
8 DRILLING J	ARS 6	.375 2.25	31.65	80358G			MITH)HE JARS
				212		RUN 1)	
9 6JTS HW	DP 4	.500 2.75	50 182.79	RIG	4.	5 XH P x B	
DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100100: Permits & Fees		13,031	4,500	8100105: Insurance			2,000
8100110: Staking & Surveying			1,500	8100120: Surface Damages & R			
8100200: Location Roads		34,101	50,000	8100210: Reclamation			
8100220: Secondary Reclamati				8100230: Pit Solidification			5,000
8100300: Water Well				8100310: Water/Water Disposa	200	3,750	7,500
8100320: Mud & Chemicals	1,783	45,558	45,000	8100325: Oil Base Mud Diesel			
8100400: Drilling Rig	5,254	156,489	127,000	8100402: Drilling Rig Cleani	3,758	3,758	
8100405: Rig Fuel		19,781	40,000	8100410: Mob/Demob			17,000
8100420: Bits & Reamers	13,590	13,590	15,500	8100500: Roustabout Services			7,000
8100510: Testing/Inspection/	2,447	6,802	5,000	8100520: Trucking & Hauling		683	10,000
8100530: Equipment Rental	2,935	22,546	25,000	8100531: Down Hole Motor Ren			1,500
8100532: Solids Control Equi	2,334	4,884	7,000	8100535: Directional Drillin		40,750	76,000
8100540: Fishing				8100600: Surface Casing/Inte		20,063	20,000
8100605: Cementing Work		18,844	25,000	8100610: P & A			
8100700: Logging - Openhole		12,653	15,000	8100705: Logging - Mud			
8100800: Supervision/Consult	4,800	33,600	25,000	8100810: Engineering/Evaluat			
8100 900: Contingencies	8 246	46 796		8100 950: Administrative O/H			

108,882 653,224

85,123

2,000 37,500

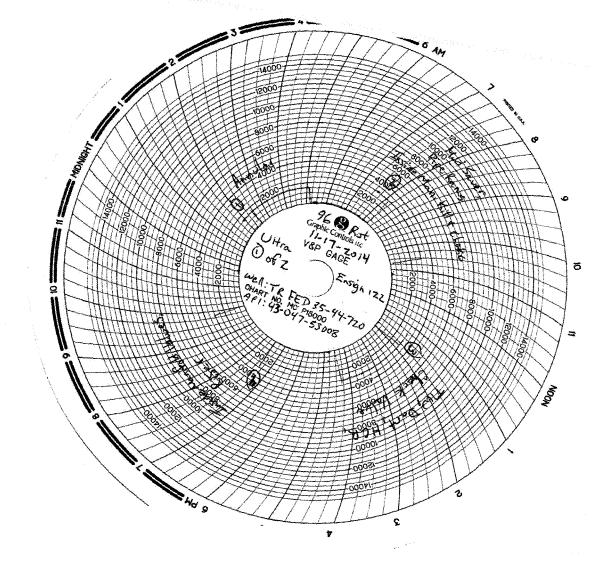
94,000 717,000

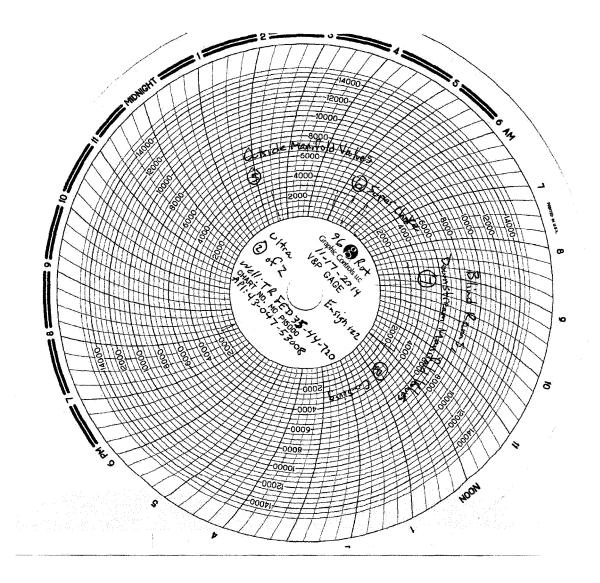


WALKER INSPECTION, LLC

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		-	(-					,,							-/													
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	Ensu										-																	
	Open						_	-		•			-						•		•							
4.	Close	e a)	nnul	ar.																								
5.	Close	a	II pi	pe r	am	S.																						
6.	Open	1 0	ne se	et of	pi	e r	ams	s to	sim	ulat	e clo	osi	ng tl	ne b	lin	d ra	m.											
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3.	Watc	:h a	and:	reco	ord	whe	ere t	the p	pres	sure	e dro	ops	, (ac	cun	nu	lato	r psi).										
De	cord	ŧħ	a ni	.056	uro	dr	on			9	00)							nei									
If 70	the pr 0 mir	res n.}	sure {20	dro 00 :	ps ind	belo 300	ow t 00p:	the I si =	190	NIM 00ps	UM i m	1 pi in.)	}, ead	ch b	ott	(Acc lle sl	umi nall l	ıla be	tor w inde	pei	nden	ıtly	ch	nec	ked	with	ag	
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WALKER INSPECTION, LLC





1469

WALKER INSPECTION, LLC. REBEL TESTING • EAGER BEAVER TESTERS

WYOMING · COLORADO · NORTH DAKOTA

Daily JSA/Observation Report

OPERATOR: VITTA	DATE: 1/-/7-2014
LOCATION: TR FED 35-44-720	CONTRACTOR: Ensign 122
EMPLOYEE NAME: Dustin Redmond	<i>J</i>
High Pressure Testing	COMMENTS: Safety Cartions
Working Below Platform	
Requires PPE	
Overhead Work is Occurring	
Fill in if: Confined Spaces are Involved	
Fill in if: Set up of Containment	
Using Rig Hoist to Lift Tools	
Fill in if: Other:	
SIGNATURE: 1/2/2/2	DATE: 1/17-2014
WALKER INSPECTION, LLC. AND AFFILIATES	
ATTENDANCE	
It Inhil	
Cyr	
Imminglogiate.	
aux Gally	
Observation EMPLOYEE REPORTING: Durfin Redmond Was job set up and performed correctly and to best of companies	on Report SIGNATURE: Abolity? Or/N
Was all safety equipment used correctly by all involved?	⊗ N
Any incidents or near misses to report about WI?	Y (PS)
Any incidents or near misses to report in general?	YA
Any spills or environemental issues to report?	Y(M)
Basic Comments:	

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-88623
SUNDR	RY NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: THREE RIVERS FED 35-44-720
2. NAME OF OPERATOR: ULTRA RESOURCES INC			9. API NUMBER: 43047530080000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #	P 295 , Englewood, CO, 80112	HONE NUMBER: 303 645-9809 Ext	9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1583 FSL 2488 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 35 Township: 07.0S Range: 20.0E Meridial	n: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:		1	
✓ SUBSEQUENT REPORT	L CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
Date of Work Completion: 12/22/2014	L_ DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
12/22/2014	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:		1 SITA STATUS EXTENSION	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
l .	COMPLETED OPERATIONS. Clearly show all noccurred on the TR35-44-7		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 05, 2015
NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant	
SIGNATURE	000 040 0004	DATE	
N/A		12/30/2014	

Form 3160-4 (August 2007)			DEPAR BUREAU		T OF	THE I	INTE								ON	ORM API IB No. 1 bires: July	004-0	137
	WELL (COMPL	ETION C	R RE	CON	IPLE	TIO	N REPO	ORT	AND I	_OG				ease Serial			
1a. Type of	f Well	Oil Well	☐ Gas \	Well	□ D ₁	y I	Otl	her							Indian, Al		r Trib	e Name
b. Type of	f Completion	☑ N Othe	ew Well	☐ Wor	k Ove	r [Dee	epen [) Plug	Back	☐ Di	iff. R	esvr.	7. U:	nit or CA	Agreem	ent N	ame and No.
2. Name of ULTRA	Operator PETROLE	UM	E	-Mail: m				RIAH DA eum.com	Y						ease Name HREE RI). 35-44-720
3. Address	304 INVE ENGLEW		VAY SO #2 0 80112	95				3a. Pho Ph: 30		o. (includ 5-9872	e area c	ode)		9. A	PI Well No	Э.	43-	047-53008
4. Location	of Well (Re			d in acc	ordanc	e with	Feder	ral requires	ments)*					Field and F		Explo	ratory
At surfa	ice NWSE	1583FS	L 2488FEL	40.163	517 N	Lat, 1	09.63	3360 W I	Lon						HREE RI Sec., T., R.		Blocl	k and Survey
At top p	orod interval i	eported be	elow NWS	SE 2018	BFSL	1973F	EL 40	0.164714	N La	t, 109.63	3440 \	W Lo	n	0	r Area Se	ec 35 T	7S R	20E Mer
At total	depth NW	SE 1942	FSL 1950FI	EL 40.1	64506	N La	t, 109	.633360	W Lo	n					County or I IINTAH	Parish	13	State UT
14. Date Sp 08/23/2				ate T.D. /21/201		ed			D &	Complet A 🔀 3/2014	ed Ready	to Pr	od.	17. I	Elevations 48	(DF, KI 323 GL		, GL)*
18. Total D	Depth:	MD	7084		19. P	lug Ba	ck T.l		ID VD)52		20. Dej	oth Bri	dge Plug S		MD	
21. Type E	lectric & Oth	TVD er Mechai	6983	un (Subr	nit cor	ov of ea	ach)	1	VD	68	951 22. v	Vas w	ell core	1?	⋈ No		TVD s (Sub	omit analysis)
	E COMBO, ((.,	,				l v	Vas D	OST run? ional Su	'	⊠ No	T Yes	s (Sub	omit analysis) omit analysis)
23. Casing ar	nd Liner Reco	ord (Repo	rt all strings	set in w	ell)							Jirect	Ionai bu	ivey.		2 100	3 (540	mit anarysis)
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD		Botto (ME		Stage Cem Depth		l	of Sks. of Cem		Slurry (BB		Cement	Top*	A	mount Pulled
24.000	16.000	ARJ-55	45.0	(IVIL	0	(1111)	147	Бери		Турск	or cent	CIII	(BE	<i></i>		0		
12.250	8.625	ARJ-55	24.0		0	1	009					675				0		
7.875	5.5	500 J-55	17.0		0	4	1979					720				0		
7.875	5.5	00 N-80	17.0	4	979	7	7054					720				0		
					_													
24. Tubing	Dagand																	
	Depth Set (M	(D) D	acker Depth	(MD) I	Size	, ,	Danth	Set (MD)	Тъ	acker De	nth (M	<u></u>	Size	De	pth Set (N	1D) T	Dack	er Depth (MD)
2.875		5371	аскет Бериг	(MD)	SIZ	-	Бериі	Set (MD)	+	acker De	pui (M	D)	Size	De	pui set (w	<u>1D) </u>	rack	n Depui (MD)
25. Produci		007.1					26. l	Perforation	Reco	ord								
Fo	ormation		Тор		Bott	om		Perfo	rated	Interval			Size	ı	No. Holes		Per	f. Status
A) LOWER	R GREEN R	IVER		5312		6993				5312 T	O 699	3			23′	1 OPEI	N	
B)												\perp						
<u>C)</u>												+		\dashv		-		
D)	racture, Treat	mont Con	namt Causage	Eto														
	Depth Interva		nent Squeeze	, Etc.					Λ.	mount an	d Tuno	of M	otorio1					
	•	12 TO 69	93 FRACTI	JRE/STII	MULA	TE 6 S	TAGE	 S	А	mount an	и гурс	OI IVI	ateriai					
	ion - Interval		T _m	l au	La		1,,,		00.0		L							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	G M	as CF		ater BL	Oil Gr Corr.			Gas Gravity		Product	ion Method			
12/22/2014	12/31/2014	24		191.7	-	119.0	_	250.8							GAS	PUMP	ING U	NIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	G M	as CF		ater BL	Gas:O Ratio	il		Well Sta	ow OW					
28a. Produc	tion - Interva	l B	1 -									-						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	G M	as CF		ater BL	Oil Gr Corr.			Gas Gravity		Producti	ion Method			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	G:	as CF		ater BL	Gas:O Ratio	il	V	Well Sta	atus					
	SI	1		1			- [

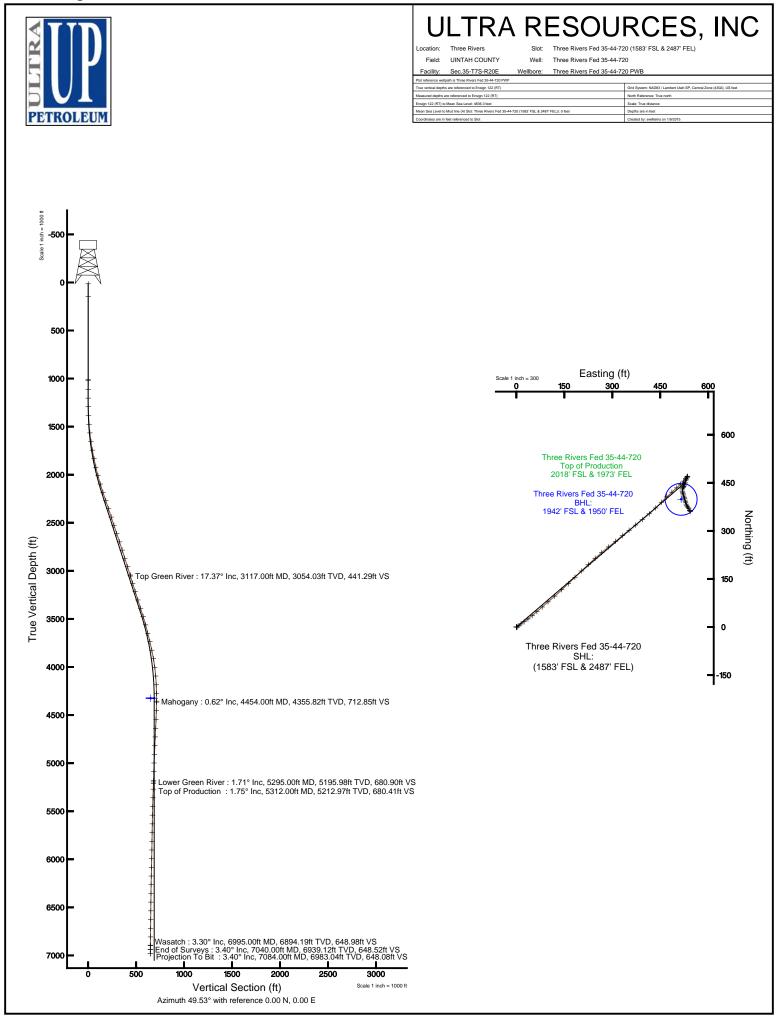
⁽See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #287909 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

ate First oduced	Test Date	Hours	Test	Lon							
	Date	Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav		Production Method	
noke ze	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	1 Status		
28c. Produc	ction - Interv	al D									
ate First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method	
oduced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Grav			
noke ze	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	l Status		
	ition of Gas() ON LEASE		for fuel, vent	ed, etc.)		•					
30. Summa	ary of Porous	Zones (In	clude Aquife	rs):					31. F	ormation (Log) Markers	
tests, in	all important and all important all important and all important an	zones of p h interval	orosity and c tested, cushic	ontents the	reof: Core ne tool ope	d intervals and en, flowing and	all drill-stem shut-in pressur	es			
I	Formation		Тор	Botton	n	Description	ons, Contents, et	c.		Name	Top Meas. Dep
Frac m	onal remarks naterial used 4 lbs White	d:6176 ga	lugging proc l HC1 Acid,	edure): 637116 g	al FR-66	Water,19560	5 gal DeltaFrad	c Fluid,	M L	OP GREEN RIVER IAHOGANY OWER GREEN RIVER VASATCH	3117 4454 5295 6995
1. Elec 5. Sund 34. I hereby	enclosed attacetrical/Mecha dry Notice for y certify that	nical Logs or plugging the forego	and cement oing and attac Electr	verificatio	nation is co	87909 Verified	rrect as determined by the BLM VEUM, sent to the	7 ned from al Well Infor	mation S	ole records (see attached instruc System.	ional Survey tions):
Signatu	ire	(Electror	nic Submissi	on)			Date (01/13/201	5		

Sundry Number: 59827 API Well Number: 43047530080000 GL: 4,823.3, KB: 4,835.8 THREE RIVERS FED 35-44-720 Proposed Sec 35, 7S, 20E Uintah County, Utah As Is Weight Grade Depth Sks/Cmt Conductor 16 45 ARJ-55 147 Surface 8 5/8 24 J-55 1009 675 **Production** 5 1/2 17 J-55 4979 720 Production 5 1/2 17 N-80 7054 720 **Tubing** 2.875 6.5 J-55 5371 Cement Top 0 STAGE ZONE 1 ZONE 2 ZONE 3 ZONE 4 ZONE 5 ZONE 6 ZONE 7 6991-6993 6983-6984 6937-6938 6913-6914 6893-6894 6874-6875 6841-6842 6673-6674 6599-6600 6427-6428 6386-6387 6375-6376 6351-6352 3 6451-6453 6398-6399 6362-6363 6204-6205 6171-6172 6162-6163 6127-6128 6107-6108 6089-6090 6074-6075 6 5450-5451 5443-5444 5439-5440 5418-5419 5407-5408 5384-5385 5373-5374 Stage Av.Rate Av.Press CleanFluid Date Proppant Screenout 11/27/2014 59.0 3,008 137,600 2,994 Ν 1,009' 11/27/2014 60.4 1,917 143,980 3,000 Ν 3 11/28/2014 44.0 2,370 147,950 4,023 Ν 4 12/13/2014 48.0 2,495 133,297 4,151 Ν 12/13/2014 50.0 2,388 124,864 3,024 Ν 6 12/13/2014 51.0 2,037 119,263 2,892 Ν Totals: 806,954 20,084 Actual Formation or Depth Top Sand Type <u>Amount</u> Gross Sand Drilled **Gross Sand Logged** Net Sand Net Pay
 Move In
 Spud Date
 TD Date
 Rig Release
 1st Prod

 09/03/2014
 11/17/2014
 11/21/2014
 11/22/2014
 12/22/2014
 Full Sales Workover LOE Coil Tbg Date Depth OD ID Weight Grade Thread # Joints 12/18/2014 5,367.000 CBL Top 1,776' 2.875 178 Ν Comments POLISH ROD Rod Num Size Grade Length Depth Set Guided 30.000 Ν 0 0 1 0.875 25 55 Ν PONY ROD 40 40 MMS MMS 1,000 1,000 1,055 2,055 4 PER 6 PER 0.875 99 0.750 MMS 2.475 4.530 4 PER 750 30 1.000 5,280 **PLUNGER** 25 5,305 Ν STANDING VALVE 4,979' 5,371 PBTD 7.054





Actual Wellpath Report Three Rivers Fed 35-44-720 AWP





Page 1 of 5

REFERE	ENCE WELLPATH IDENTIFICATION		
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-44-720 (1583' FSL & 2487' FEL)
Area	Three Rivers	Well	Three Rivers Fed 35-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-44-720 AWB
Facility	Sec.35-T7S-R20E		

REPORT SETUP INFORMATION									
1 ,	NAD83 / Lambert Utah SP, Central Zone (4302),	Software System	WellArchitect® 3.0.0						
	US feet								
North Reference	True	User	Ewilliams						
Scale	0.999915	Report Generated	1/9/2015 at 10:20:08 AM						
Convergence at slot	1.19° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_35-44-720_AWB.xml						

WELLPATH LOCATION											
Local coordinates Grid coordinates Geographic co											
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude					
Slot Location	270.28	2145.12	2161504.12	7233717.82	40°09'48.660"N	109°38'07.110"W					
Facility Reference Pt			2159365.27	7233403.09	40°09'45.990"N	109°38'34.740"W					
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W					

WELLPATH DATUM									
Calculation method	Minimum curvature	Ensign 122 (RT) to Facility Vertical Datum	4836.30ft						
Horizontal Reference Pt	Slot	Ensign 122 (RT) to Mean Sea Level	4836.30ft						
Vertical Reference Pt	Ensign 122 (RT)	Ensign 122 (RT) to Mud Line at Slot (Three Rivers Fed 35-44-720 (1583' FSL & 2487' FEL))	4836.30ft						
MD Reference Pt	Ensign 122 (RT)	Section Origin	N 0.00, E 0.00 ft						
Field Vertical Reference	Mean Sea Level	Section Azimuth	56.50°						



Actual Wellpath Report Three Rivers Fed 35-44-720 AWP

Page 2 of 5



REFERE	ENCE WELLPATH IDENTIFICATION		
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-44-720 (1583' FSL & 2487' FEL)
Area	Three Rivers	Well	Three Rivers Fed 35-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-44-720 AWB
Facility	Sec.35-T7S-R20E		

MD	Inclination	78 stations)	TVD	Vert Sect	North	ated station	Latitude	Laugituda	DLS	Commonto
MD [ft]	Inclination [°]	Azimuth [°]	ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	°/100ft	Comments
0.00†	0.000	123.950	0.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
13.00	0.000	123.950	13.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
147.00	0.000	0.000	147.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
1009.00	0.000	0.000	1009.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	
1022.00	0.000	0.000	1022.00	0.00	0.00	0.00	40°09'48.660"N	109°38'07.110"W	0.00	ĺ
1112.00	0.220	123.950	1112.00	0.07	-0.10	0.14	40°09'48.659"N	109°38'07.108"W	0.24	
1203.00	0.310	164.930	1203.00	0.06	-0.43	0.35	40°09'48.656"N	109°38'07.105"W	0.22	
1293.00	0.800	114.520	1292.99	0.31	-0.93	0.99	40°09'48.651"N	109°38'07.097"W	0.72	
1384.00	3.090	54.850	1383.94	3.10	0.22	3.57	40°09'48.662"N	109°38'07.064"W	3.05	
1475.00	4.420	45.160	1474.75	8.99	4.11	8.06	40°09'48.701"N	109°38'07.006"W	1.61	
1565.00	6.320	54.150	1564.35	17.34	9.45	14.54	40°09'48.753"N	109°38'06.923"W	2.30	
1656.00	8.710	55.950	1654.56	29.24	16.25	24.31	40°09'48.821"N	109°38'06.797"W	2.64	
1746.00	10.210	52.030	1743.33	44.00	24.97	36.24	40°09'48.907"N	109°38'06.643"W	1.81	
1837.00	11.400	50.840	1832.72	61.00	35.61	49.58	40°09'49.012"N	109°38'06.471"W	1.33	
1928.00	13.210	48.950	1921.63	80.25	48.12	64.39	40°09'49.136"N	109°38'06.281"W	2.04	ĺ
2018.00	14.580	49.250	2008.99	101.69	62.27	80.73	40°09'49.275"N	109°38'06.070"W	1.52	
2109.00	16.620	48.950	2096.63	125.95	78.29	99.22	40°09'49.434"N	109°38'05.832"W	2.24	
2199.00	19.010	48.550	2182.31	153.23	96.45	119.92	40°09'49.613"N	109°38'05.565"W	2.66	
2290.00	18.780	48.150	2268.41	182.40	116.03	141.94	40°09'49.807"N	109°38'05.282"W	0.29	
2380.00	18.210	46.650	2353.76	210.59	135.35	162.96	40°09'49.998"N	109°38'05.011"W	0.82	
2471.00	18.120	44.850	2440.22	238.46	155.15	183.28	40°09'50.193"N	109°38'04.749"W	0.62	
2561.00	18.600	46.830	2525.64	266.32	174.89	203.61	40°09'50.388"N	109°38'04.487"W	0.87	
2652.00	19.000	46.350	2611.79	295.21	195.04	224.92	40°09'50.587"N	109°38'04.213"W	0.47	
2743.00	18.120	49.830	2698.06	323.85	214.40	246.45	40°09'50.779"N	109°38'03.936"W	1.55	
2833.00	17.410	48.150	2783.77	351.07	232.41	267.17	40°09'50.957"N	109°38'03.669"W	0.97	
2924.00	17.500	52.430	2870.58	378.19	249.83	288.16	40°09'51.129"N	109°38'03.398"W	1.41	
3015.00	18.780	51.150	2957.06	406.42	267.37	310.41	40°09'51.302"N	109°38'03.112"W	1.47	
3105.00	17.500	49.340	3042.58	434.27	285.27	331.96	40°09'51.479"N	109°38'02.834"W	1.55	
3117.00†	17.365	49.755	3054.03	437.84	287.60	334.70	40°09'51.502"N	109°38'02.799"W	1.53	Top Green River
3196.00	16.500	52.650	3129.61	460.74	302.03	352.62	40°09'51.645"N	109°38'02.568"W	1.53	
3286.00	16.880	50.620	3215.82	486.49	318.07	372.88	40°09'51.803"N	109°38'02.307"W	0.77	
3377.00	18.500	51.240	3302.51	514.01	335.49	394.35	40°09'51.975"N	109°38'02.031"W	1.79	
3467.00	17.590	49.030	3388.08	541.72	353.35	415.75	40°09'52.152"N	109°38'01.755"W	1.27	
3558.00	17.100	46.350	3474.95	568.52	371.60	435.81	40°09'52.332"N	109°38'01.496"W	1.03	
3648.00	15.820	44.450	3561.26	593.54	389.49	453.98	40°09'52.509"N	109°38'01.262"W	1.54	
3739.00	14.000	46.130	3649.19	616.51	405.98	470.60	40°09'52.672"N	109°38'01.048"W	2.06	
3830.00	14.000	47.620	3737.49	638.21	421.03	486.67	40°09'52.821"N	109°38'00.841"W	0.40	
3920.00	11.310	48.460	3825.29	657.71	434.22	501.32	40°09'52.951"N	109°38'00.653"W	3.00	
4011.00	10.380	46.260	3914.67	674.61	445.80	513.92	40°09'53.065"N	109°38'00.490"W	1.12	
4101.00	7.110	40.840	4003.61	687.96	455.63	523.42	40°09'53.162"N	109°38'00.368"W	3.74	
4192.00	5.300	37.840	4094.07	697.36	463.21	529.69	40°09'53.237"N	109°38'00.287"W	2.02	
4283.00	2.120	42.160	4184.87	702.98	467.77	533.40	40°09'53.283"N	109°38'00.240"W	3.51	
4373.00	1.500	41.630	4274.83	705.73	469.89	535.29	40°09'53.303"N	109°38'00.215"W	0.69	
4454.00†	0.623	206.514	4355.82	706.37	470.29	535.80	40°09'53.307"N	109°38'00.209"W	2.60	Mahogany
4464.00	0.880	209.660	4365.82	706.25	470.17	535.74	40°09'53.306"N	109°38'00.209"W	2.60	



Actual Wellpath Report Three Rivers Fed 35-44-720 AWP





REFERE	ENCE WELLPATH IDENTIFICATION		
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-44-720 (1583' FSL & 2487' FEL)
Area	Three Rivers	Well	Three Rivers Fed 35-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-44-720 AWB
Facility	Sec.35-T7S-R20E		

WELLPA'	TH DATA (78 station	s) † = in	terpolated	l/extrapo	lated sta	tion			
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Latitude	Longitude	DLS	Comments
[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	40000150 005101	400000000000000000000000000000000000000	[°/100ft]	
4554.00	1.990	207.940	4455.79	704.27	468.19	534.67	40°09'53.287"N	109°38'00.223"W	1.23	
4645.00	2.610	206.130	4546.71	701.09	464.93	533.01	40°09'53.254"N	109°38'00.244"W	0.69	
4736.00	2.920	204.330	4637.61	697.34	460.96	531.15	40°09'53.215"N	109°38'00.268"W	0.35	
4826.00	3.000	195.030	4727.49	693.64	456.60	529.59	40°09'53.172"N	109°38'00.289"W	0.54	
4917.00	3.000	199.440	4818.36	689.95	452.05	528.18	40°09'53.127"N	109°38'00.307"W	0.25	
5007.00	3.180	200.630	4908.23	686.05	447.50	526.52	40°09'53.082"N	109°38'00.328"W	0.21	
5098.00	3.180	195.160	4999.09	682.11	442.70	524.97	40°09'53.035"N	109°38'00.348"W	0.33	
5188.00	1.410	207.630	5089.02	679.26	439.31	523.80	40°09'53.001"N	109°38'00.363"W	2.03	
5279.00	1.680	207.320	5179.98	677.12	437.13	522.67	40°09'52.980"N	109°38'00.378"W	0.30	
5295.00†	1.714	209.321	5195.98	676.70	436.71	522.45	40°09'52.976"N	109°38'00.381"W		Lower Green River
5312.00†	1.753	211.358	5212.97	676.24	436.27	522.19	40°09'52.971"N	109°38'00.384"W		Top of Production
5370.00	1.900	217.640	5270.94	674.53	434.75	521.14	40°09'52.956"N	109°38'00.397"W	0.43	
5460.00	2.300	203.360	5360.88	671.60	431.91	519.51	40°09'52.928"N	109°38'00.418"W	0.73	
5551.00	3.180	176.650	5451.78	668.80	427.72	518.93	40°09'52.887"N	109°38'00.426"W	1.68	
5641.00	1.990	164.760	5541.69	667.06	423.72	519.49	40°09'52.847"N	109°38'00.419"W	1.44	
5732.00	2.390	168.320	5632.62	665.86	420.33	520.29	40°09'52.814"N	109°38'00.408"W	0.46	
5822.00	2.610	164.540	5722.53	664.53	416.52	521.22	40°09'52.776"N	109°38'00.396"W	0.31	
5913.00	2.520	160.750	5813.44	663.39	412.63	522.43	40°09'52.738"N	109°38'00.381"W	0.21	
6003.00	2.800	161.800	5903.35	662.33	408.68	523.77	40°09'52.699"N	109°38'00.364"W	0.32	
6094.00	2.780	162.640	5994.24	661.13	404.46	525.12	40°09'52.657"N	109°38'00.346"W	0.05	
6185.00	2.780	164.620	6085.13	659.83	400.23	526.36	40°09'52.615"N	109°38'00.330"W	0.11	
6275.00	2.700	165.240	6175.03	658.47	396.07	527.48	40°09'52.574"N	109°38'00.316"W	0.09	
6366.00	2.610	164.240	6265.93	657.15	392.01	528.59	40°09'52.534"N	109°38'00.301"W	0.11	
6456.00	2.920	161.540	6355.83	655.93	387.86	529.87	40°09'52.493"N	109°38'00.285"W	0.37	
6547.00	2.700	159.950	6446.72	654.83	383.65	531.34	40°09'52.451"N	109°38'00.266"W	0.26	
6637.00	2.390	155.850	6536.63	654.03	379.94	532.84	40°09'52.415"N	109°38'00.247"W	0.40	
6728.00	2.520	147.920	6627.54	653.67	376.52	534.67	40°09'52.381"N	109°38'00.223"W	0.40	
6819.00	2.700	148.140	6718.45	653.56	373.00	536.87	40°09'52.346"N	109°38'00.195"W	0.20	
6909.00	3.180	148.540	6808.33	653.41	369.07	539.29	40°09'52.307"N	109°38'00.164"W	0.53	
6995.00†	3.303	149.961	6894.19	653.18	364.89	541.78	40°09'52.266"N	109°38'00.132"W	0.17	Wasatch
7000.00	3.310	150.040	6899.18	653.16	364.64	541.92	40°09'52.263"N	109°38'00.130"W	0.17	
7040.00	3.400	149.160	6939.12	653.03	362.62	543.10	40°09'52.243"N	109°38'00.114"W	0.26	End of Surveys
7084.00	3.400	149.160	6983.04	652.91	360.38	544.44	40°09'52.221"N	109°38'00.097"W		Projection To Bit

Page 4 of 5 Sundry Number: 59827 API Well Number: 43047530080000



Actual Wellpath Report Three Rivers Fed 35-44-720 AWP





REFERE	REFERENCE WELLPATH IDENTIFICATION									
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-44-720 (1583' FSL & 2487' FEL)							
Area	Three Rivers	Well	Three Rivers Fed 35-44-720							
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-44-720 AWB							
Facility	Sec.35-T7S-R20E									

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Three Rivers Fed 35-44-720 Driller's Target Radius: 5' 2028' FSL & 1972' FEL		4325.00	446.71	523.50	2162018.15	7234175.31	40°09'53.074"N	109°38'00.367"W	circle
Three Rivers Fed 35-44-720 Target On Plat Radius: 50' 1980' FSL & 1980' FEL		4325.00	398.71	515.50	2162011.16	7234127.15	40°09'52.600"N	109°38'00.470"W	circle

WELLPAT	WELLPATH COMPOSITION - Ref Wellbore: Three Rivers Fed 35-44-720 AWB Ref Wellpath: Three Rivers Fed 35-44-720 AWP										
Start MD	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore							
13.00		Unknown Tool (Standard)	Conductor	Three Rivers Fed 35-44-720 AWB							
147.00	1009.00	Unknown Tool (Standard)	Surface	Three Rivers Fed 35-44-720 AWB							
1009.00	7040.00	MTC (Collar, post-2000) (Standard)	MWD	Three Rivers Fed 35-44-720 AWB							
7040.00	7084.00	Blind Drilling (std)	Projection to bit	Three Rivers Fed 35-44-720 AWB							

Page 5 of 5 Sundry Number: 59827 API Well Number: 43047530080000



Actual Wellpath Report Three Rivers Fed 35-44-720 AWP Page 5 of 5





REFERE	REFERENCE WELLPATH IDENTIFICATION								
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-44-720 (1583' FSL & 2487' FEL)						
Area	Three Rivers	Well	Three Rivers Fed 35-44-720						
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-44-720 AWB						
Facility	Sec.35-T7S-R20E								

WELLPATH COM	ELLPATH COMMENTS											
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment								
3117.00	17.365	49.755	3054.03	Top Green River								
4454.00	0.623	206.514	4355.82	Mahogany								
5295.00	1.714	209.321	5195.98	Lower Green River								
5312.00	1.753	211.358	5212.97	Top of Production								
6995.00	3.303	149.961	6894.19	Wasatch								
7040.00	3.400	149.160	6939.12	End of Surveys								
7084.00	3.400	149.160	6983.04	Projection To Bit								

ULTRA RESOURCES, INC. DAILY COMPLETION REPORT FOR 11/23/2014 TO 12/19/2014

Well Name	THREE RIVERS FED 35-44-720	Fracs Planned	6
Location:	UINTAH County, UTAH(NWSE 35 7S 20E)	AFE# 140980	
Total Depth Date:	11/21/2014 TD 7,084	Formation:	(Missing)
Production Casing:	Size 5 1/2 Wt 17 Grade J-55 Set At 4.979	GL:	KB: 4.836

Date: 11/23/20	14					
Tubing:	OD: 2.875" ID: Joints: 178" D	epth Set: 5,371	"	PBTD:	7,052	
Supervisor:	Duncan					
Work Objective:	Logging					
Contractors:	CHS, R&R					
Completion Rig:	Casedhole Sol		Si	Supervisor Phone: 435-828-1472		
Upcoming Activity:	Prep for frac work					
Activities						
0500-0830	MIRU CHS WLU, run 4.65" ga	auge ring fr/sur	face to 7019'. POI	H w/gauge ring. Rւ	un CBL/GR/CCL fr/7007' to	
	surface. TOC @ 1776'. RDM	10 WLU.			·	
Costs (\$):	Daily: 5,900	Cum:	21,853	AFE:	1,298,141	

Date: 11/24/2	014							
Tubing:	OD: 2.875" ID	: Joints: 178" D	epth Set: 5,371"		PBTD:	7,052		
Supervisor:	Stringham/Du	ncan	•		•	·		
Work Objective:	Prep for frac v	Prep for frac work						
Contractors:	R&R, Camero	R&R, Cameron, Knight Oil Tools						
Completion Rig:	(Missing)	-		5	Supervisor Phone:	435-790-2326/435-828-147		
Upcoming Activity:	Test casing &	wellhead						
Activities	•							
0930-1030	Set Tubing He	ead						
1030-1430	Set BOPE, Ch	Set BOPE, Change Out Rams, Secure Well, And Run Flow Lines To Flow Back Tanks.						
1430-1431	Run 8" Water	Line & Set Live	Load Manifold.					
Costs (\$):	Daily: 9	,240	Cum:	31,093	AFE:	1,298,141		

Date: 11/25/20	014							
Tubing:	OD: 2.875" ID: Joints: 178" Depth Set: 5,371"	PBTD:	7,052					
Supervisor:	Duncan							
Work Objective:	Test casing & wellhead							
Contractors:	RBS, R&R							
Completion Rig:	(Missing)	Supervisor Phone: 4	435-828-1472					
Upcoming Activity:	Prep for frac work							
Activities								
0800-0930	MIRU RBS Test Unit, and attempt to test csg, WH, Flow b	ack lines, and BOP to 4	<u>4,250 psig, unable to test W</u> H					
	Casing and BOP.							
0930-1100	Wait on WLU.	Wait on WLU.						
1100-1230	MIRU CHS WLU. RIH set CIBP @ 7012'. POH RDMO WL	.U.						
1230-1310	Attempt to Test csg, WH, and BOP. Pressured up to 3300	psi, unable to test. Pre	essure bled to 1800 psi in 15					
	minutes.							
1310-1400	Wait on Cameron to test casing hanger.							
1400-1430	MIRU Cameron and test casing hanger to 4500 psi, good	test.						
1430-1500	Attempt to Test csg, WH, and BOP. Pressured up to 3300	psi, unable to test. Pre	essure bled to 1800 psi in 15					
	minutes.							
1500-1700	RU CHS RIH with Weatherford WL set, WL retrievable plu	g. Set plug @ 5280'. P	OH with setting tool.					
1700-1715	RU RBS Test Unit, test csg (above 5280'), WH, and BOP	to 4,250 psig, good tes	t. RDMO Testers.					
1715-2100	RIH w/retrieving tool, spang, and hydraulic jars. Jarred plu	g free. POH. RDMO W	/LU.					
Costs (\$):	Daily: 11,731 Cum: 42,82	24 AFE:	1,298,141					

Date: 11/26/20	014				
Tubing:	OD: 2.875" ID: Joints: 17	8" Depth Set: 5,371"		PBTD:	7,052
Supervisor:	Duncan				
Work Objective:	RU frac equipment				
Contractors:	HES, SLB				
Completion Rig:	(Missing)		Suj	pervisor Phone: 43	35-828-1472
Upcoming Activity:	Prep for frac work				
Activities					
0800-1800	MIRU Schlumberger WL.				
Costs (\$):	Daily: 2,131	Cum:	44,955	AFE:	1,298,141

1/13/2015 3:15 PMHREE RIVERS FED 35-44-720

Date: 11/27/2	014								
Tubing:	OD: 2.875" ID: Joints: 178" Depth Set: 5,371" PBTD: 7,052								
Supervisor:	Duncan	Duncan							
Work Objective:	Perf, Frac, and Flowback								
Contractors:	HES, SLB, R&R, Sunrise, Rhetts, Target								
Completion Rig:	HAL - Blue UT, SLB	Su	pervisor Phone: 4	435-828-1472					
Upcoming Activity:	Perf, Frac, and Flowback								
Activities									
0600-0630	Prime up and pressure test surface lines.								
0630-0715	Safety meeting with Vendors. WH, WL perforating, & crane operations, PPE, chemical handling, location								
	conditions, stepping, handling & lifting, slips, trips & falls, pinch points, traffic control, backing, land guides,								
	incident reporting, spill containment, JSA's and	incident reporting, spill containment, JSA's and Muster area.							
0715-0730	Perforate stage 1 (6741'-6993'). Unable to perfora	ate.							
0730-0930	After starting in the hole, found a short in the gun	, POH to repai	r gun. RIH with se	econd gun with the same					
	results. POH to find the problem.								
0930-1030	Perforate stage 1 (6741'-6993').								
1030-1205	Frac Stage 1.								
1205-1430	Wait on SLB.								
1430-1600	Perforate stage 2 (6492'-6703').								
1600-1715	Frac Stage 2.			·					
1715-1815	Winterize surface equipment with brine water, an	d shut operation	ons down overnigh	nt.					
Costs (\$):	Daily: 1,500 Cum:	46,455	AFE:	1,298,141					

Date: 11/28/20)14						
Tubing:	OD: 2.875" ID: Joints: 178" De	epth Set: 5,371"		PBTD:	7,052		
Supervisor:	Duncan						
Work Objective:	Perf, Frac, and Flowback						
Contractors:	HES, SLB, R&R, Sunrisr, Targ	get, Rhetts					
Completion Rig:	HAL - Blue UT, SLB		Su	pervisor Phone: 4	35-828-1472		
Upcoming Activity:	Fishing						
Activities							
0600-0740	Perforate stage 3 (6255'-6453	'). Set 5.5" FTFP	@ 6473'.				
0740-0945	Frac stage 3. SICP 1701 PSI						
0945-1045	Perforated Part Of Stage 4 (59	935'-6205'). Set 5.	5" FTFP @ 622	25'. Note: Shot Gun	n @ 6066.5' Lost gun weight.		
	POH left guns in well.						
1045-1500	RDMO Vendors.						
1500-0000	Wait On CTU.	Wait On CTU.					
0000-0335	Wait On TR-35-34-720						
Costs (\$):	Daily: 153,329	Cum:	199,784	AFE:	1,298,141		

Date: 11/29/20	014		
Tubing:	OD: 2.875" ID: Joints: 178" Depth Set: 5,371"	PBTD:	7,052
Supervisor:	Stringham/Duncan		
Work Objective:	Fishing		
Contractors:	R&R, IPS, ETS, Rhetts		
Completion Rig:	IPS CT 2"	Supervisor Phone: 4	435-790-2326/435-828-1472
Upcoming Activity:	Drill out plug		
Activities			
0000-0335	Wait On TR-35-34-720		
0335-0545	Move CTU Equipment Over From The TR_35-34-720.	RU same. Coil Connector,	Bi-Directional jar, MHA Dua
	Check Valves, 3/4" Ball Seat (back pressure valve) Hy	draulic Disconnect, 2.875	OD Circulating Sub, 2.375
	PAC X 2.375 EUE, 2.875 OD Indexing Tool, 3.875 Ov		
	Guide. Reconnect lubricator.	·	•••
0545-0600	NU lubricator to stack. Fill surface lines with water. C	ose valve to flowback tank	and pressure test to 3000
	psi. Bleed pressure back to 1000 psi. Open top ram,		•
0600-0700	RIH with jars, indexing tool, 3.875" overshot, 2.75" bas		guide to top of fish @ 6180
	(Coil depth 6190').	<u> </u>	· .
0700-0730	Latch fish. Work, jar, and flow fish free.		
0730-0830	POH w/coil and fishing BHA.		
0830-1000	Recover fish. LD fish, and fishing BHA. LD third party	ubricator, RDMO third part	v crane.
1000-1100	Move equipment over to the TR_35-34-720.		
1100-1400	Wait on TR_35-34-720		
1400-1430	Swing over from the TR_35-34-720. Using the BHA f	om the TR 35-34-720: (BI	-Directional iar. MHA 3/4"
	Ball Seat(back pressure valve), motor and 5 blade 4.6		
	NU stack to BOP. Fill surface lines with water. Close		
	Bleed pressure back to 500 psi. Open top ram, 970 p		
1430-1520	RIH with mill and motor to plug @ 6225'. (Coil depth 6		
1520-1525	Drill plug. 900 psi.	•	
1525-1545	Pump a 10 bbl gel sweep. RIH to plug @ 6473'. Tag s	and at 6373', wash sand to	plug. (Coil depth 6474').
1545-1555	Drill plug. 750 psi.		
1555-1605	Pump a 10 bbl gel sweep. RIH to plug @ 6723'. (Coil o	lepth 6710').	
1605-1615	Drill plug 700 psi.		
1615-1725	RIH to PBTD @ 7052'. Pump 20 bbl gel sweep, 10 bbl	water spacer & 20 bbl gel	sweep. (Coil PBTD @ 7018
	Make 500' short trip and retag PBTD. POOH @ 50 ft/n		
	ram, SICP 600 PSI.		
1725-1900	SICP @ 600 psi. Bleed off stack. ND. stack Remove B	HA. NU Stack Blow Coil D	own With N2.
1900-1935	RDMO CTU	,	
1935-1936	Turn well over to flow testers, open well on 18/64 chok	e. IP 600 PSI. Note: Fill vo	id in between rams with
,	methanol. Secure Well.		
Costs (\$):		09,446 AFE:	1,298,141

Tubing:	OD: 2.875" ID: Joints: 178	Depth Set: 5,371"		PBTD:	7,052	
Supervisor:	Stringham/Duncan					
Work Objective:	Flow test well				SSE:	1
Contractors:	R&R,Rheets			. 5		105.000.1
Completion Rig:	(Missing)		Supe	ervisor Phone: 43	<u>35-790-2326/</u>	135-828-1
Upcoming Activity:	Flow test well	Cumi	210 546	AFE:		200 111
Costs (\$):	Daily: 9,100	Cum:	318,546	AFE.	1,2	298,141
Date: 12/01/20)14					
Tubing:	OD: 2.875" ID: Joints: 178	Depth Set: 5,371"		PBTD:	7,052	
Supervisor:	Stringham/Duncan					
Work Objective:	Flow test well					
Contractors:	R&R, Rhetts					
Completion Rig:	(Missing)	Dant	Supe	ervisor Phone: 43	<u>35-790-2326/</u>	135-828-1
Upcoming Activity: Costs (\$):	Turned over to Production Daily: 519	Cum:	319,065	AFE:	1.	298,141
<u> </u>	Daily. 319	Guiii.	319,003	AIL.	1,2	230,141
Date: 12/02/20)14					
Tubing:	OD: 2.875" ID: Joints: 178	Depth Set: 5,371"		PBTD:	7,052	
Supervisor:	Fletcher					
Work Objective:	Waiting on crew					
Contractors:	(Missing)			amiliaan Din	026450242	
Completion Rig: Upcoming Activity:	(Missing) Perf, Frac, and Flowback		Supe	ervisor Phone: 30	<u> </u>	
Opcoming Activity: Costs (\$):	Daily: 0	Cum:	319,065	AFE:	1 ′	298,141
COSIS (ψ).	Daily. 0	Guiii.	319,003	AIL.	1,2	230,141
Date: 12/04/20)14					
Tubing:	OD: 2.875" ID: Joints: 178	Depth Set: 5,371"		PBTD:	7,052	
Supervisor:	(Missing)					
Work Objective:	(Nothing Recorded)					
Contractors:	(Missing)			. 51 /	•	
Completion Rig:	(Missing)		Supe	ervisor Phone: (N	/lissing)	
Upcoming Activity: Costs (\$):	Daily: 8,908	Cum:	327,974	AFE:	1:	298,141
COSIS (ψ).	Daily. 0,900	Cuin.	321,314	I ALL.	1,2	230,141
Date: 12/09/20)14					
Tubing:	OD: 2.875" ID: Joints: 178	Depth Set: 5,371"		PBTD:	7,052	
Supervisor:	(Missing)					
Work Objective:	(Nothing Recorded)					
Contractors:	(Missing)		Cum	andaar Dhana. (A	Ain nin n	
Completion Rig: Upcoming Activity:	(Missing)		Supe	ervisor Phone: (N	/iissirig)	
Costs (\$):	Daily: 3,636	Cum:	331,610	AFE:	1.2	298,141
(+/			,-	1		
Date: 12/10/20						
Tubing:	OD: 2.875" ID: Joints: 178	Depth Set: 5,371"		PBTD:	7,052	
Supervisor:	Duncan					
Work Objective:	Perforating					
Contractors: Completion Rig:	Willies, CHS Casedhole Sol		Cun	ervisor Phone: 4	25 020 1472	
Upcoming Activity:	Prep for frac work		Supe	ervisor Friorie. 4	33-020-1472	
Activities	1 Top for Hae Work					
0730-1000	MIRU Willies Hot Oil Serv.	, flush casing w/70 bbls	of hot water. 25	50 psi.		
1000-1100	Perforated the remainder of					
Costs (\$):	Daily: 9,122	Cum:	340,732	AFE:	1,2	298,141
D						
<u>Date:</u> 12/12/20 Tubing:	014 OD: 2.875" ID: Joints: 178	Denth Set: 5 271"		PBTD:	7,052	
Supervisor:	Hutchinson, Scott	Deptit Oct. 0,07 1		טוט.	1,002	
Work Objective:	Perf, Frac, and Flowback				SSE:	2
Contractors:	Hal-Frac,Hal-WL,R&R				<u> </u>	
Completion Rig:	Hal, HAL RED T4		Supe	ervisor Phone: 30	07-354-6007/	307- 350-8
Upcoming Activity:	Perf, Frac, and Flowback					
Activities						
0930-1300	Rig up Hal-WL.					
1300-2000	Rig up frac equipment.	-000 :				
2000-2010	Pressure test frac lines to			-t		0.6.11
2010-2020	Review location hazards in					
	Review WHD operations, I					
	PPE requirements. Discus property damage, & person				review (ile le	UIIII OT
2020-2150	Wait to frac TR35-34-720.	ກາວກາງນາເວລ. ESIADIISN	amoning area &	เขเนอเษา वास्त.		
	77411 to 1140 11100-04-120.					
2150-0150	Wait on sand.					

Date: 12/13/20	14					
Tubing:	OD: 2.875" ID: Joints: 178" Dep	oth Set: 5,371"		PBTD:	7,052	2
Supervisor:	Hutchinson,Scott					
Work Objective:	Perf, Frac, and Flowback				SSE:	2
Contractors:	R&R,HAI-WL,HAL-FRAC					
Completion Rig:	Hal, HAL RED T4		Sur	pervisor Phone:	307.354.600	7/307.350.8487
Upcoming Activity:	Drill out plug					
Activities						
2150-0150	Wait on sand.					
0150-0235	Work on pumps. Only 6 pumps	, discuss with Denver	, will pump	the next stage.		
0235-0400	Frac stage 4.					
0400-0510	Perforate stage 5 (5506-5771)	Set 5.5" FTFP @ 579	1'.			
0510-0800	Wait on sand.					
0800-0920	Wait on the TR_35-34-720.					
0920-1030	Work on frac pumps.					
1030-1120	Frac stage 5.					
1120-1215	Perforate stage 6 (5312-5451).	Set 5.5" FTFP @ 547	71'.			
1215-1340	Wait on the TR_35-34-720.					
1340-1435	Wait on sand.					
1435-1530	Frac stage 6.					
1530-1531	SICP = 1400#, Rig Down.					
0000-0100	W/O CTU					
Costs (\$):	Daily: 16,192	Cum:	372,449	AFE:		1,298,141

Date: 12/14/20	14					
Tubing:	OD: 2.87	5" ID: Joints: 178" [Depth Set: 5,371	"	PBTD:	7,052
Supervisor:	Stringhan	n/Duncan				
Work Objective:	Drill out p	lug				SSE: 1
Contractors:	R&R,IPS	,ETS,Rheets				
Completion Rig:	IPS CT 2	II .		Su	pervisor Phone:	435-790-2326/435-828-1472
Upcoming Activity:	Flow test	well				
Activities						
0000-0100	W/O CTL	J				
0100-0920	Wait On ⁻	TR_35-34-720				
0920-0930	Swing ov	er from the TR_35-	34-720.			
0930-0945	Run ETS	BHA as follows: Co	oil Connector, B	i-Directional jar, Mh	HA Dual Check Va	alves, 3/4" Ball Seat (back
	pressure	valve) Hydraulic Di	sconnect, motor	and 5 blade 4.625	" mill. Reconnect	lubricator. Function test
	motor,(19	000 psi @ 2.0 bbl/m	nin). NU lubricato	or to stack. Fill surfa	ace lines with wate	er. Close valve to flowback
	tank and	pressure test to 40	00 psi. Bleed pre	essure back to 140	0 psi. Open top r	ram, 900 psi.
0945-1030	RIH with	mill and motor to pl	ug @ 5471'. (Co	oil depth 5475').		
1030-1045	Drill plug.	600 psi.				
1045-1100	Pump a 1	0 bbl gel sweep. R	IH to plug @ 57	91'. Tag sand at 57	41', wash sand to	plug. (Coil depth 5796').
1100-1115	Drill plug.	550 psi.				-
1115-1135	Pump a 1	0 bbl gel sweep. R	IH to plug @ 62	35'. Tag sand at 61	35', wash sand to	plug. (Coil depth 6244').
1135-1145	Drill plug.	650 psi.				-
1145-1330	RIH to PE	3TD @ 7012'. Pum	p 20 bbl gel swe	ep, 10 bbl water sp	acer & 20 bbl gel	sweep. Coil PBTD @ 7020'.
	Make 500	D' short trip and reta	ag PBTD. POOH	I @ 50 ft/min for 30	min and then cor	ntinue POOH. Close Bottom
	ram, SICI	P 625#.				
1330-1500	SICP 625	psi. Blow coil dry	w/N2. RDMO CT	Ū.		
1500-1501	Turn well	over to flow testers	s, open well on 1	8/64 choke. IP 675	5 PSI. Note: Fill v	oid in between rams with
	methanol		•			
Costs (\$):	Daily:	36,736	Cum:	409,185	AFE:	1,298,141

Date: 12/15/20	14					
Tubing:	OD: 2.875" ID: Joints: 178" De	pth Set: 5,371"		PBT):	7,052
Supervisor:	Stringham/Duncan					
Work Objective:	Flow test well					
Contractors:	R&R, Rhetts					
Completion Rig:	(Missing)			Superviso	r Phone:	435-790-2326/435-828-1472
Upcoming Activity:	Flow test well					
Costs (\$):	Daily: 10,043	Cum:	419,2	28	AFE:	1,298,141

Date: 12/16/2014						
Tubing:	OD: 2.875" ID: Joints: 178" D	PB1	ΓD:	7,052		
Supervisor:	Duncan					
Work Objective:	Flow test well					
Contractors:	R&R, Rhetts					
Completion Rig:	(Missing)		Supervisor Phone: 435-828-1472			
Upcoming Activity:	Flow test well					
Costs (\$):	Daily: 2,494	Cum:	421,722	AFE:	1,298,141	

Date: 12/17/2	01 /4				
Tubing:	OD: 2.875" ID: Joints: 178" De	epth Set: 5,371"	PBT	D:	7,052
Supervisor:	Duncan				
Work Objective:	Flow test well				
Contractors:	R&R, Rhetts				
Completion Rig:	(Missing)	(Missing) Supervisor Phone: 435-828-14			-828-1472
Upcoming Activity:	Turned over to Production De	pt			
Costs (\$):	Daily: 53.141	Cum:	474.863	AFE:	1.298.141

Date: 12/18/2	014							
Tubing:		75" ID: Joints: 178	:: 178" Depth Set: 5,371" PBTD: 7,052					
Supervisor:	JIM BUR	RNS	•					
Work Objective:	Clean ou	ut						
Contractors:	NONE L	ISTED						
Completion Rig:	Temple a	#3			Supervisor Phone: 4352992974			
Upcoming Activity:	Well sen	Well sent to sales						
Activities								
0600-0700	CREW T	CREW TRAVEL AND SAFETY MEETING						
0700-1700	move in	move in rig up, check pressures, 10 psi on csg.						
	R/U hoto	R/U hotoiler, pump 50 bbls brine down csg.						
	R/U flooi	R/U floor, RIH W/ purge valve, 1-4' tbg sub, desander, 1 joint tbg, slim hole TAC, pump bbl, 171 jnts tbg. pic						
	up 1-4' tbg sub, hanger, 1-6' tbg sub, land tbg. R/D floor, N/D bop's, pull hanger, set TAC W/ 10,000 lbs							
	stretch, land tbg N/U wellhead. RIH W/; standing valve, plunger, 30-1" 8 per guided rods, 99-3/4" 4 per guide							
	rods, 40-7/8" 6 per guided rods, pick up polish rod. turn well to sales, shut down for night.							
1700-1800	CREW T	RAVEL				-		
Costs (\$):	Daily:	4,208	Cum:	479,07	1 AF	FE: 1,298,141		

Date: 12/19/2014						
Tubing:	OD: 2.875" ID: Joints: 178" Depth Set: 5,371" PBTD: 7,052				7,052	
Supervisor:	JIM BURNS					
Work Objective:	TIH w/ Rods					
Contractors:	NONE LISTED					
Completion Rig:	Temple #3 Supervisor Phone: 4352992974				2992974	
Upcoming Activity:	RDMO					
Activities						
0600-0700	CREW TRAVEL, SAFETY ME	EETING				
0700-1200	check pressures, 0 psi on tbg	& csg.				
	lay down pollish rod, RIH W/ 40-7/8" 4 per guided rods, space out with 2-8' 1-2' ponys, pick up polish rod. Fill					
	tbg with 5 bbls, pressure up to 500 psi, long					
	stroke pump to 1000 psi (test good). Hang horses head, hang off rods, turn well to sales. Rig down move off.					
1200-1300	CREW TRAVEL					
Costs (\$):	Daily: 5,332	Cum: 4	84,403	AFE:	1,298,141	

ULTRA RESOURCES, INC. PERFORATION AND FRAC SUMMARY FOR THREE RIVERS FED 35-44-720

Well Name: Location:	THREE RIVERS UINTAH County,					acs Planned: 6	
Stage 1	Frac Date:	11/27/2014		Avg Rate:	59.0 BPM	Avg Pressure:	3,008 PSI
Initial Complet	tion Proppant:	137,600 lbs to 137600 lbs Ot					
	Initial Annulus Pressure:			Annulus Pressure	0	Pump Down Volume:	
	PreFrac SICP:	O	illai			Base BBLS to Recover:	
	Pseudo Frac Gradient:	0.607 PSI/FT	Pse				2,334 DDL3
				Net Pressure:	-1549 psi	Total BBLS to Recover:	2,994 BBLs
	Breakdown Pressure:	3738		Breakdown Rate:		Perfs Open:	,
	ScreenOut:				(None)		
Zones:	Perf Date		SPF			Perf Interval: From	To
12	11/27/2014	_	3	_	-		6,742
11	11/27/2014		3				6,762
10	11/27/2014		3			6,771	6,772
9	11/27/2014		3			6,800	6,801
8 7	11/27/2014		3			6,816	6,817
/ 6	11/27/2014 11/27/2014		ა ვ			6,841 6,874	6,842 6,875
5	11/27/2014		3			6,893	6,894
6 5 4 3	11/27/2014		333333333			6,913	6,914
3	11/27/2014		3			6,937	6,938
2	11/27/2014		3			6,983	6,984
1	11/27/2014		3				6,993
Stage 2		11/27/2014		Avg Rate:			
Initial Complet		143,980 lbs to 143980 lbs Ot	awa	Max Rate:			
	Initial Annulus Pressure:	0	Final	Annulus Pressure:		Pump Down Volume:	
	PreFrac SICP:			ISIP:	1,336 PSI	Base BBLS to Recover:	3,000 BBLs
	Pseudo Frac Gradient:	0.632 PSI/FT	Pse	udo Frac Gradient: Net Pressure:		/GAL Total BBLS to Recover:	3 000 BBI s
	Breakdown Pressure:	1115		Breakdown Rate:		Perfs Open:	3,000 BBL3
	ScreenOut:			Tracer:		i dila oponi	
Zones:	Perf Date_		SPF		, ,	Perf Interval: From	To
<u>20163</u> . 12	11/27/2014	_	3	-	ŗ		6,493
11	11/27/2014		3				6,507
10	11/27/2014		3 3				6,522
9	11/27/2014		3			6,550	6,551
8	11/27/2014		3			6,569	6,570
7	11/27/2014		3			6,599	6,600
6 5	11/27/2014 11/27/2014		ა ვ				6,614 6,639
4	11/27/2014		3 3 3 3 3				6,649
3	11/27/2014		3			6,659	6,660
2	11/27/2014		3			6,673	6,674
1	11/27/2014		3				6,703
Stage 3		11/28/2014		•	44.0 BPM	•	
Initial Complet	tion Proppant:	147,950 lbs to 147950 lbs Ot	awa	Max Rate:			4,077 PSI
	Initial Annulus Pressure:	0	Final	Annulus Pressure:		Pump Down Volume:	
	PreFrac SICP:				•	Base BBLS to Recover:	4,023 BBLs
	Pseudo Frac Gradient:	0.697 PSI/FT	Pse	udo Frac Gradient:	13.392 LB	/GAL	
				Net Pressure:	-184 psi	Total BBLS to Recover:	4,023 BBLs
	Breakdown Pressure:	2658		Breakdown Rate:	•	Perfs Open:	
	ScreenOut:	No		Tracer:	(None)	·	
Zones:	Perf Date		SPF	_		Perf Interval: From	To
12	11/28/2014	_	3	_	_	6,255	6,256
11	11/28/2014		3			6,266	6,267
10	11/28/2014		3			6,280	6,281
9	11/28/2014		3			6,302	6,303
8 7	11/28/2014		3 3 3 3 3 3 3 3			6,315 6,351	6,316 6,352
<i>1</i> 6	11/28/2014 11/28/2014		ა ა			6,351 6,362	6,352 6,363
5	11/28/2014		3			6,375	6,376
6 5 4 3 2	11/28/2014		3			6,386	6,387
3	11/28/2014		3			6,398	6,399
	11/28/2014		3			6,427	6,428
1	11/28/2014		3			6,451	6,453

Stage 4	Frac Date:	12/13/2014		Avg Rate:	48.0 BPM	Avg Pressure: Max Pressure:	2,495 F	PSI
Initial Comple	etion Proppant:	133,297 lbs to 133297 lbs Ot			67.0 BPM	Max Pressure:	3,431 F	PSI
	Initial Annulus Pressure:				4	Ruma Down Volumo:		
		4	rınaı	Annulus Pressure:			4 4 5 4 5	- וחר
	PreFrac SICP:	0 700 DOL/FT	_			Base BBLS to Recover:	4,151 E	BBLS
	Pseudo Frac Gradient:	0.726 PSI/FT	Pse					
				Net Pressure:		Total BBLS to Recover:	4,151 E	3BLs
	Breakdown Pressure:	3040		Breakdown Rate:	4.4	Perfs Open:		
	ScreenOut:	No		Tracer:	(None)			
Zones:	Perf Date		SPF			erf Interval: From	To	
13	12/10/2014		3	_	-		5,936	-
12	12/10/2014		3				5,991	
11	12/10/2014		3				6,012	
10	12/10/2014		3				6,027	
9	12/10/2014		3				6,035	
8	12/10/2014		3			6,047	6,048	
7	12/10/2014		3				6,075	
6 5	11/28/2014		3			6,089	6,090	
5	11/28/2014		3				6,108	
4 3	11/28/2014		3 3 3 3				6,128	
3	11/28/2014		3				6,163	
2 1	11/28/2014		3			6,171	6,172	
<u> </u>	11/28/2014		3				6,205	
Stage 5		12/13/2014				Avg Pressure:		
Initial Comple	tion Proppant:	124,864 lbs to	tal	Max Rate:	61.0 BPM	Max Pressure:	3,630 F	PSI
		124864 lbs Ot	tawa					
	Initial Annulus Pressure:	0	Final	Annulus Pressure:	0	Pump Down Volume:		
	PreFrac SICP:					Base BBLS to Recover:	3 024 F	RRIe
	Pseudo Frac Gradient:	0.762 DCI/ET	Doo				J,027 L	JDL3
	rseddo Flac Gladielli.	0.703 F3I/F1	F 56				0.0045	
				Net Pressure:		Total BBLS to Recover:	3,024 E	BBLS
	Breakdown Pressure:					Perfs Open:		
	ScreenOut:				(None)			
<u>Zones</u> :	Perf Date	_	SPF	_	P	erf Interval: From	To	_
13	12/13/2014		3			5,506	5,507	
12	12/13/2014		3			5,538	5,539	
11	12/13/2014		3			5,554	5,555	
10	12/13/2014		3			5,559	5,560	
9	12/13/2014		3			5,612	5,613	
8 7	12/13/2014		3			5,643	5,644	
7	12/13/2014		3			5,650	5,651	
6 5	12/13/2014		3				5,655	
	12/13/2014		3 3 3 3 3 3 3 3 3				5,719	
4	12/13/2014					5,729 5,729	5,730	
3 2	12/13/2014 12/13/2014		3 3			5,738 5,764	5,739 5,765	
<u> </u>	12/13/2014		3				5,765	
Stage 6		12/13/2014		Ava Data:	51.0 BPM			120
Stage 6			4-1			Avg Pressure:		
Initial Comple	tion Proppant:	119,263 lbs to		Max Rate:	61.0 BPM	Max Pressure:	3,482 F	251
		119263 lbs Ot						
	Initial Annulus Pressure:	0	Final	Annulus Pressure:	0	Pump Down Volume:		
	PreFrac SICP:			ISIP:	1,403 PSI	Base BBLS to Recover:	2,892 E	3BLs
	Pseudo Frac Gradient:	0.690 PSI/FT	Pse		•		,	
	. coddo i ido Oiddioilt.	3.000 1 01/1 1	. 50	Net Pressure:		Total BBLS to Recover:	2 802 5	RRIC
	Decaledaries 5	0407			-		۷,092 E	סטט
	Breakdown Pressure:			Breakdown Rate:		Perfs Open:		
	ScreenOut:			Tracer:	(None)			
<u>Zones</u> :	Perf Date	_	SPF	_	P	erf Interval: From	To	_
12	12/13/2014		3			5,312	5,313	
11	12/13/2014		3			5,321	5,322	
10	12/13/2014		3			5,329	5,330	
9	12/13/2014		3			5,347	5,348	
8 7	12/13/2014		3			5,356	5,357	
	12/13/2014		3			5,373	5,374	
	12/13/2014		3			5,384	5,385	
5	12/13/2014		3				5,408	
4	12/13/2014		3 3 3 3 3				5,419	
6 5 4 3 2	12/13/2014						5,440	
	12/13/2014 12/13/2014		3				5,444 5,451	
1								

Hydraulic Fracturing Fluid Product Component Information Disclosure

12/12/2014
12/13/2014
Utah
Uintah
43-047-53008-00-00
Ultra Resources
Three Rivers Federal 35-44-720
-109.63530800
40.16351700
NAD27
NO
7,500
888,410
0







Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid					
			Fresh Water	7732-18-5	100.00000	89.03066	Density = 8.330
SAND - PREMIUM WHITE	Halliburton	Proppant					
			Crystalline silica, quartz	14808-60-7	100.00000	9.74369	
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent					
			Hydrochloric acid	7647-01-0	30.00000	0.25334	
LoSurf-300D	Halliburton	Non-ionic Surfactant					
			Ethanol	64-17-5	60.00000	0.04511	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.02255	
			Naphthalene	91-20-3	5.00000	0.00376	
			Poly(oxy-1,2-ethanediyl), alpha- (4-nonylphenyl)-omega- hydroxy-, branched	127087-87-0	5.00000		
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00075	
WG-35 GELLING AGENT	Halliburton	Gelling Agent					
			Guar gum	9000-30-0	100.00000	0.05832	
BC-140	Halliburton	Crosslinker					
			Monoethanolamine borate	26038-87-9	60.00000	0.03118	

RECEIVED: Jan. 13, 2015

			Ethylene glycol	107-21-1	30.00000	0.01559	
Cla-Web™	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.03035	Denise Tuck, Halliburton 3000 N. Sam Houston Pkwy E., Houston, TX 77032 281-871-6226
SandWedge® NT	Halliburton	Conductivity Enhancer					
			Dipropylene glycol monomethyl ether	34590-94-8	60.00000	0.02148	
			Heavy aromatic petroleum naphtha	64742-94-5	10.00000	0.00358	
FR-66	Halliburton	Friction Reducer					
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.00927	
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive					
COMIT CONTION			Acetic anhydride	108-24-7	100.00000	0.00323	
			Acetic acid	64-19-7	60.00000	0.00194	
OPTIFLO-HTE	Halliburton	Breaker					
			Walnut hulls	Mixture	100.00000	0.00316	
			Crystalline silica, quartz	14808-60-7	30.00000	0.00095	
MC MX 2-2822	Multi-Chem	Scale Inhibitor					
			Methyl Alcohol	67-56-1	30.00000	0.00095	
			Phosphonate of a Diamine, Sodium Salt	Proprietary	30.00000	0.00095	
SP BREAKER	Halliburton	Breaker					
			Sodium persulfate	7775-27-1	100.00000	0.00126	
HAI-404M™	Halliburton	Corrosion Inhibitor					
			Isopropanol	67-63-0	30.00000	0.00018	
			Aldehyde	Confidential	30.00000	0.00018	
			Methanol	67-56-1	30.00000	0.00018	
			1-(Benzyl)quinolinium chloride	15619-48-4	10.00000	0.00006	
			Quaternary ammonium salt	Confidential	10.00000	0.00006	
MC B-8614	Multi-Chem	Biocide					
			Glutaraldehyde	111-30-8	30.00000	0.00011	
			Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	5.00000	0.00002	
			Ethyl Alcohol	64-17-5	1.00000	0.00000	
Ingredients shown ab	pove are subject to 29		pear on Material Safety Data She	ets (MSDS). Ingred	lients shown below are N	lon-MSDS.	
		Other Ingredient(s)					
			Water	7732-18-5		0.96867	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.02255	
		Other Ingredient(s)				2.22	
		Other Leave d'est()	Polyacrylamide copolymer	Confidential		0.00927	
		Other Ingredient(s)					

		Oxyalkylated phenolic resin	Confidential	0.00752	
	Other Ingredient(s)	expandiated priorities reciri	Commontial	0.007.02	
	Other ingredient(e)	Sodium chloride	7647-14-5	0.00407	
	Other Ingredient(s)	Codiam ornando	7017 110	0.00101	
	Other ingredient(e)	Quaternary ammonium	Confidential	0.00358	
		compound	Commontial	0.00000	
	Other Ingredient(s)				
		Modified bentonite	Confidential	0.00292	
	Other Ingredient(s)				
		Quaternary amine	Confidential	0.00253	
	Other Ingredient(s)				
		Alcohols, C12-16, ethoxylated	68551-12-2	0.00161	
	Other Ingredient(s)				
		Ammonium chloride	12125-02-9	0.00155	
	Other Ingredient(s)				
		Fatty acid tall oil amide	Confidential	0.00155	
	Other Ingredient(s)				
		Cured acrylic resin	Confidential	0.00095	
	Other Ingredient(s)				
		Ethoxylated nonylphenol	Confidential	0.00058	
	Other Ingredient(s)				
		Silica, amorphous - fumed	7631-86-9	0.00058	
	Other Ingredient(s)				
		Quaternary amine	Confidential	0.00051	
	Other Ingredient(s)				
		Methanol	67-56-1	0.00037	
	Other Ingredient(s)				
		Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0.00031	
	Other Ingredient(s)	polyoxyethylene denvative			
	- mor mg. c mom(c)	Sorbitan, mono-9-	1338-43-8	0.00031	
		octadecenoate, (Z)		3,0000	
	Other Ingredient(s)				
		Naphthenic acid ethoxylate	68410-62-8	0.00018	
	Other Ingredient(s)				
		Enzyme	Confidential	0.00016	
	Other Ingredient(s)				
		Fatty acids, tall oil	Confidential	0.00006	
	Other Ingredient(s)				
		Polyethoxylated fatty amine salt	61791-26-2	0.00006	
	Other Ingredient(s)				
		Crystalline silica, quartz	14808-60-7	0.00006	
	Other Ingredient(s)				
		Quaternary amine	Confidential	0.00005	
	Other Ingredient(s)				
		Amine salts	Confidential	0.00005	
	Other Ingredient(s)				

	Amine salts	Confidential	0.00005
Other Ingredient(s)			
	Cured acrylic resin	Confidential	0.00003
Other Ingredient(s)			
	C.I. Pigment Red 5	6410-41-9	0.00003
Other Ingredient(s)			
	Ethoxylated amine	Confidential	0.00003
Other Ingredient(s)			
	Ammonium phosphate	7722-76-1	0.00001
Other Ingredient(s)			
	Sodium iodide	7681-82-5	0.00001
Other Ingredient(s)			
	Naphthalene	91-20-3	0.00000
Other Ingredient(s)			
	Sodium sulfate	7757-82-6	0.00000
Other Ingredient(s)			
	Phosphoric Acid	7664-38-2	0.00000

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

^{*} Total Water Volume sources may include fresh water, produced water, and/or recycled water
** Information is based on the maximum potential for concentration and thus the total may be over 100%

Stimulation Design Worksheet

. ,	Ultra Petroleum	Three Rivers 3		API	43-047-53008 °F						المانيين المانيين	-1-1:si						
Formation Perfs	6741 - 6993	Zone #1 Fluid System:	Temperature taFrac 140 (13	173 3) Hvbrid	'F						Liquia A	dditives						
Stage	Fluid	Fluid	Prop Conc	Prop	Slurry Vol	Slurry	Treating	Stage	Exposure	WG-36	LoSurf-300D	CLA-Web	B-8614	MX 2-2822	BC-140	Optiflo-HTE	FR-76	SandWedge NT
				Total		Rate	Pressure	Pump Time	Time	Gel	Surfactant	Clay Control	Biocide	Scale Inh.	Crosslinker	Breaker	Frict. Red.	Cond. Enh.
-		(gal)	(ppg)	(lbs)	(bbls)	(bpm)	(psi)	(h:min:sec)	(h:min:sec)	(ppt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(ppt)	(gpt)	(gal/Mlbs)
1	Load & Break	236			5.6	10.0	2283	0:00:34	0:58:56		1.00	0.50	0.20				0.50	
2	15% HCl Acid	1500			35.7	8.8	1987	0:04:05	0:58:22									
3	Pad	6707			159.7	39.2	3521	0:04:05	0:54:17		1.00	0.50	0.20	0.90			0.50	
4	0.5 #/gal 20/40 White	19768	0.50	9822	481.2	62.0	2704	0:07:46	0:50:13		1.00	0.50	0.20	0.90			0.50	
5	Pad	9374			223.2	60.5	2877	0:03:41	0:42:27		1.00	0.50	0.20	0.90			0.50	
6	0.5 #/gal 20/40 White	19751	0.57	11268	482.4	60.3	2586	0:08:00	0:38:45		1.00	0.50	0.20	0.90			0.50	
7	Pad	6974			166.0	60.4	2727	0:02:45	0:30:45		1.00	0.50	0.20	0.90			0.50	
8	0.5 #/gal 20/40 White	10041	0.49	4960	244.4	60.3	2785	0:04:03	0:28:00		1.00	0.50	0.20	0.90			0.50	
9	0.5 #/gal 20/40 White	5001	0.50	2510	121.8	60.2	2791	0:02:01	0:23:56		1.00	0.50	0.20	2.00			0.50	
10	0.5 #/gal 20/40 White	6714	0.51	3430	163.6	60.1	3070	0:02:43	0:21:55		1.00	0.50	0.20	0.25			0.50	
11	Pad								0:19:12	18.00	1.00	0.50	0.20	0.25	1.80	1.00		
12	2 #/gal 20/40 White	16440	1.99	32750	426.7	54.4	3747	0:07:51	0:19:12	18.00	1.00	0.50	0.20	0.25	1.80	1.00		
13	4 #/gal 20/40 White	9343	3.96	36960	262.3	55.2	3632	0:04:45	0:11:21	18.00	1.00	0.50	0.20	0.25	1.80	1.00		
14	6 #/gal 20/40 White	7619	4.71	35900	220.1	60.3	3041	0:03:39	0:06:36	18.00	1.00	0.50	0.20		1.80	1.00		1.80
15	Flush (top perf+3 bbls)	6636			158.0	53.6	2764	0:02:57	0:02:57		1.00	0.50	0.20				0.50	
				_						601.2	124.6	62.3	24.9	80.0	60.1	33.4	45.6	64.6
bbls				137,600	3145.1			U	sed	775	130	66	25	84	76	40	44	68
35.71429	15% HCI Acid:	1,500	gal					%	diff	29%	4%	6%		5%	26%	20%	-4%	5%
2171.474	Slickwater:	91,202	gal	Ave	rage Rate	50.4		Pr	rime									
795.2857	18# DeltaFrac 140 (11):							T	otal	775	130	66	25	84	76	40	44	68
3002.474	Total Fluid:	126,104	gal															
3145.101	Total Slurry:	132,094	gal															
	20/40 White	137,600	lbs															
	Total Proppant:	137,600	lbs		-													
		TOP I	PERF	6,741				-									_	
		BOTTO	M PERF	6,993						Total Pe	erfs: 39			Start Time:	11:0	6 AM		
		MID F	PERF	6,867					Top Perf	Bottom Perf	SPF	# of shots		End Time:	12:0	5 PM		
		BH	HT.	173					6741	6742	3	3		Customer:	Joe D	uncan		
		BHT GRAD [°F	/100-ft (+60°)]		_'	_			6761	6762	3	3						
		API#		43-047-530	08				6771	6772	3	3						
		AFE#							6800	6801	3	3						
	Se	ec. / Twp. / Rng.	S:	:35 / T:7S / R	::20E				6816	6817	3	3						
		Thre	e Rivers 35-	44-720				6841	6842	3	3							
			Ultra Petrole	um				6874	6875	3	3							
								6893	6894	3	3							
		18# Del	ItaFrac 140 (13) Hybrid				6913	6914	3	3							
			ovember 27,					6937	6938	3	3							
	В		8.33					6983	6984	3	3							
		ase Fluid, lb/gal Sales Order #							6991	6993	3	6						
	C	ounty and State		Uintah, U	г													
		,	Zone #1			ı												
				_				Į.					i i					

Ultra Petroleum Three Rivers 35-44-720 Frac Reports 1/13/2015 3:16 PM

Stimulation Design Worksheet

2 - 6703 Fluid Load & Break 15% HCl Acid Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White .5 #/gal 20/40 White .5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 5 #/gal 20/40 White 4 #/gal 20/40 White 5 #/gal 20/40 White 5 #/gal 20/40 White	Fluid System: (gal) (gal) 347 2000 5572 20653 7516 20644 7504 10921 4992 5007 17223 9777 8393	0.50 0.50 0.49 0.50 0.50 0.99 0.99	Hybrid	(bbls) 8.3 47.6 132.7 502.8 179.0 502.6 178.7 265.8 121.5	Slurry Rate (bpm) 6.0 10.1 47.8 60.5 60.6 60.5 60.6 60.5	Treating Pressure (psi) 943 1167 2002 1915 1941 1957 2004	Stage Pump Time (h:min:sec) 0:01:23 0:04:44 0:02:47 0:08:18 0:02:57	Exposure Time (h:min:sec) 0:58:46 0:57:23 0:52:39 0:49:53 0:41:34	WG-36 Gel (ppt)	LoSurf-300D Surfactant (gpt) 1.00 1.00	CLA-Web Clay Control (gpt) 0.50 0.50	B-8614 Biocide (gpt) 0.20 0.20 0.20	MX 2-2822 Scale Inh. (gpt) 0.84	BC-140 Crosslinker (gpt)	Optiflo-HTE Breaker (ppt)	FR-76 Frict. Red. (gpt) 0.50 0.50	SandWedge NT Cond. Enh. (gal/Mibs)
Load & Break 15% HCl Acid Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White .5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	(gal) 347 2000 5572 20653 7516 20644 7504 10921 4992 5007 17223 9777 8393	(ppg) 0.50 0.50 0.49 0.50 0.50 1.99	Total (lbs) 10230 10250 5370 2490	(bbls) 8.3 47.6 132.7 502.8 179.0 502.6 178.7 265.8 121.5	Rate (bpm) 6.0 10.1 47.8 60.5 60.6 60.5 60.6	Pressure (psi) 943 1167 2002 1915 1941 1957	Pump Time (h:min:sec) 0:01:23 0:04:44 0:02:47 0:08:18 0:02:57	Time (h:min:sec) 0:58:46 0:57:23 0:52:39 0:49:53	Gel	Surfactant (gpt) 1.00	Clay Control (gpt) 0.50	Biocide (gpt) 0.20	Scale Inh. (gpt)	Crosslinker	Breaker	(gpt) 0.50	Cond. Enh.
15% HCI Acid Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White .5 #/gal 20/40 White .5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	347 2000 5572 20653 7516 20644 7504 10921 4992 5007 17223 9777 8393	0.50 0.50 0.49 0.50 0.50	10230 10250 5370 2490	8.3 47.6 132.7 502.8 179.0 502.6 178.7 265.8 121.5	(bpm) 6.0 10.1 47.8 60.5 60.6 60.5 60.6	(psi) 943 1167 2002 1915 1941 1957	(h:min:sec) 0:01:23 0:04:44 0:02:47 0:08:18 0:02:57	(h:min:sec) 0:58:46 0:57:23 0:52:39 0:49:53		(gpt) 1.00	(gpt) 0.50 0.50	(gpt) 0.20 0.20	(gpt)			(gpt) 0.50	
15% HCI Acid Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White .5 #/gal 20/40 White .5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	2000 5572 20653 7516 20644 7504 10921 4992 5007 17223 9777 8393	0.50 0.50 0.49 0.50 0.50	10250 5370 2490	47.6 132.7 502.8 179.0 502.6 178.7 265.8 121.5	10.1 47.8 60.5 60.6 60.5 60.6	1167 2002 1915 1941 1957	0:04:44 0:02:47 0:08:18 0:02:57	0:57:23 0:52:39 0:49:53		1.00	0.50	0.20	0.84			0.50	
15% HCI Acid Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White .5 #/gal 20/40 White .5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	2000 5572 20653 7516 20644 7504 10921 4992 5007 17223 9777 8393	0.50 0.49 0.50 0.50	10250 5370 2490	47.6 132.7 502.8 179.0 502.6 178.7 265.8 121.5	10.1 47.8 60.5 60.6 60.5 60.6	1167 2002 1915 1941 1957	0:04:44 0:02:47 0:08:18 0:02:57	0:57:23 0:52:39 0:49:53		1.00	0.50	0.20				0.50	
.5 #/gal 20/40 White Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White .5 #/gal 20/40 White .5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	20653 7516 20644 7504 10921 4992 5007 17223 9777 8393	0.50 0.49 0.50 0.50	10250 5370 2490	502.8 179.0 502.6 178.7 265.8 121.5	60.5 60.6 60.5 60.6	1915 1941 1957	0:08:18 0:02:57	0:52:39 0:49:53									
Pad .5 #/gal 20/40 White Pad .5 #/gal 20/40 White .5 #/gal 20/40 White .5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	7516 20644 7504 10921 4992 5007 17223 9777 8393	0.50 0.49 0.50 0.50	10250 5370 2490	179.0 502.6 178.7 265.8 121.5	60.6 60.5 60.6	1941 1957	0:02:57			1.00	0.50	0.20	0.84			0.50	
9.5 #/gal 20/40 White Pad .5 #/gal 20/40 White .5 #/gal 20/40 White .5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	20644 7504 10921 4992 5007 17223 9777 8393	0.49 0.50 0.50	5370 2490	502.6 178.7 265.8 121.5	60.5 60.6	1957		0:41:34				0.20	0.04			0.50	
Pad .5 #/gal 20/40 White .5 #/gal 20/40 White .5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	7504 10921 4992 5007 17223 9777 8393	0.49 0.50 0.50	5370 2490	178.7 265.8 121.5	60.6		0.00.10			1.00	0.50	0.20	0.84			0.50	
5.5 #/gal 20/40 White 5.5 #/gal 20/40 White 5.5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	10921 4992 5007 17223 9777 8393	0.50 0.50 1.99	2490	265.8 121.5		2004	0.00.10	0:38:37		1.00	0.50	0.20	0.84			0.50	
5 #/gal 20/40 White 5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 5 #/gal 20/40 White	4992 5007 17223 9777 8393	0.50 0.50 1.99	2490	121.5	60.5	2004	0:02:57	0:30:19		1.00	0.50	0.20	0.84			0.50	
5 #/gal 20/40 White 5 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 5 #/gal 20/40 White	4992 5007 17223 9777 8393	0.50 1.99	2490	121.5		2009	0:04:23	0:27:22		1.00	0.50	0.20	0.84			0.50	
2 #/gal 20/40 White Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 5 #/gal 20/40 White	17223 9777 8393	1.99			60.5	1968	0:02:00	0:22:59		1.00	0.50	0.20	2.00			0.50	
Pad 2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	9777 8393			121.9	60.5	2008	0:02:01	0:20:58	18.00	1.00	0.50	0.20	0.25	1.80	1.00		
2 #/gal 20/40 White 4 #/gal 20/40 White 6 #/gal 20/40 White	9777 8393			-				0:18:57	18.00	1.00	0.50	0.20	0.25	1.80	1.00		
4 #/gal 20/40 White 6 #/gal 20/40 White	9777 8393		34310	447.0	60.3	1912	0:07:25	0:18:57	18.00	1.00	0.50	0.20	0.25	1.80	1.00		
6 #/gal 20/40 White	8393		38930	274.7	60.2	1824	0:04:34	0:11:32	18.00	1.00	0.50	0.20	0.25	1.80	1.00		
· ·		4.75	39900	242.8	59.8	1705	0:04:04	0:06:58	18.00	1.00	0.50	0.20		1.80	1.00		1.80
Flush (top perf+3 bbls) 6357 15					52.0	1783	0:02:55	0:02:55		1.00	0.50	0.20				0.50	
(-11			l						727.2	124.9	62.5	25.0	79.5	72.7	40.4	42.3	J 71.8
			143,980	3168.4			П	sed	760	130	58	25	80	70	40	41	71
15% HCI Acid:	2,000	gal	1.0,000	0.00				diff	5%	4%	-7%		00	-4%		-3%	• •
Slickwater:	84.506	gal	Ave	rage Rate	51.4			rime	070	170	1 70			170		070	
# DeltaFrac 140 (11):	40,400	gal	1 /	.ago r.a.o	0			otal	760	130	58	25	80	70	40	41	71
Total Fluid:	126,906	gal					-										
Total Slurry:	133,074	gal															-1
20/40 White	143,980	lbs															=
Total Proppant:	143,980	lbs															
			6.492														
									Total Pe	erfs: 39			Start Time:	4:12	PM	Ī	
								Top Perf			# of shots						
								_									
	· .	` "	43-047-530	กล	Ī												
			43-047-330	00													
Se		Si	35 / T·7S / R	·20F													
00																	
		Citia i etible	uni														
		18# Dol	taFrac 1/0 /	13) Hybrid													
	-									_							
		INO		2014													
Da																	
Ва			Llintah LI	-				0/01	0103	3	3						
			Oman, O		ı												
	Se	TOP F BOTTON MID P BH	TOP PERF BOTTOM PERF MID PERF BHT BHT GRAD ("F/100-ft (+60")) API # AFE# Sec. / Twp. / Rng. Well Name Company Formation Fluid Systems Date Base Fluid, lb/gal Sales Order #	TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 169 BHT GRAD [*F/100-ft (+60*)] API # 43-047-530 AFE# Sec. / Twp. / Rng. S:35 / T:7S / R Well Name Company Formation Fluid Systems Date November 27, Base Fluid, lb/gal Sales Order # County and State Uintah, UT	TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 169 BHT GRAD ["F/100-ft (+60")] API # 43-047-53008 AFE# Sec. / Twp. / Rng. S:35 / T:7S / R:20E Well Name Company Formation Fluid Systems Date Base Fluid, lb/gal Sales Order # County and State Uintah, UT	TOP PERF BOTTOM PERF BOTTOM PERF BHT BHT BHT GRAD ["F/100-ft (+60")] API # AFE# Sec. / Twp. / Rng. Well Name Company Formation Fluid Systems Date Base Fluid, lb/gal Sales Order # County and State C,703 6,598 BHT A5-598 BHT 43-047-53008 A3-047-53008 A3-047-53008 Well Varie A3-047-53008 Ultra Petroleum Formation Fluid Systems November 27, 2014 8.33 Uintah, UT	TOP PERF BOTTOM PERF BOTTOM PERF BHT GRAD ["F/100-ft (+60")] API # AFE# Sec. / Twp. / Rng. Well Name Company Formation Fluid Systems Date Base Fluid, lb/gal Sales Order # County and State Contact April (4,492	TOP PERF BOTTOM PERF G.703 MID PERF BHT GRAD [*F/100-ft (+60*)] API # A3-047-53008 AFE# Sec. / Twp. / Rng. Well Name Company Formation Fluid Systems Date Base Fluid, lb/gal Sales Order #	TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 169 BHT 169 BHT GRAD [°F/100-ft (+60°)] API # 43-047-53008 AFE# 6550 Sec. / Twp. / Rng. S:35 / T:7S / R:20E Well Name Three Rivers 35-44-720 Company Ultra Petroleum 6613 Formation Fluid Systems 18# DeltaFrac 140 (13) Hybrid 6648 Date November 27, 2014 Base Fluid, b/gal 8.33 Sales Order # 6701	TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 169 BHT 169 BHT 43-047-53008 AFE# 43-047-53008 AFE# 6550 6551 Sec. / Twp. / Rng. S:35 / T:7S / R:20E Well Name Three Rivers 35-44-720 Company Ultra Petroleum Formation Fluid Systems 18# DeltaFrac 140 (13) Hybrid Date November 27, 2014 Base Fluid, lb/gal 8.33 Total Petroleum Formation Fluid Systems 18# DeltaFrac 140 (13) Hybrid Base Fluid, lb/gal 8.33 Total Petrole Bottom Perf Bot	TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 169 BHT 169 BHT 843-047-53008 API # 43-047-53008 AFE# 6550 6551 3 Sec. / Twp. / Rng. S:35 / T:7S / R:20E Well Name Three Rivers 35-44-720 Company Ultra Petroleum Formation Formation Fluid Systems 18# DeltaFrac 140 (13) Hybrid Date November 27, 2014 Base Fluid, b/gal 8.33 Sales Order # 159 Total Perfs: 39 Top Perf Bottom Perf SPF Bett 43-049 3 3 Edition Perf SPF Bett 59 6492 6493 3 6506 6507 3 6506 6507 3 6521 6522 3 6559 6550 6551 3 6569 6570 3 6569 6600 3 6613 6614 3 6638 6639 3 Fluid Systems 18# DeltaFrac 140 (13) Hybrid 6648 6649 3 Sales Order # 6701 6703 3	TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 169 BHT 699 BHT 8169 TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 169 BHT 169 BHT GRAD ["F/100-ft (+60")] API # 43-047-53008 AFE# Sec. / Twp. / Rng. Well Name Company Formation Fluid Systems Permation Fluid Systems Date November 27, 2014 Base Fluid, b/gal Sales Order # Total Perfs: 39 Top Perf Bottom Perf SPF # of shots BHT GA92 6493 3 3 3 3 4 5650 6506 6507 3 3 3 4 6521 6522 3 3 3 3 6550 6551 3 3 3 3 6569 6570 3 3 3 3 6669 6570 3 3 3 3 6669 6570 3 3 3 6679 6600 3 3 3 6679 6638 6639 3 3 3 6679 6660 3 3 3 6673 6674 3 3 3 6673 6674 3 3 3 6673 6674 3 3 6670 6701 6703 3 6	TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 169 BHT 900 BHT 43-047-53008 API # 43-047-53008 Sec. / Twp. / Rng. Well Name Company Formation Fluid Systems Date Base Fluid, lb/gal Sales Order # Base Fluid, lb/gal Sales Order # Total Perfs: 39 Total Perfs: 39 Top Perf Bottom Perf SPF # of shots End Time: Customer: Start Time: Total Perfs: 39 Total Perfs Total Perfs Sec. / Two, sec. and sec.	TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 66,598 BHT 67AD [*F/100-ft (+60*)] API # 43-047-53008 AF # 43-047-53008 AF # Company Ultra Petroleum Formation Formation Formation Formation Formation Formation Formation Formation Formation Formation Formation Date November 27, 2014 Base Fluid, lb/gal Sales Order # 80 A92 BOTTOM Perfs: 39 Top Perf Bottom Perf SPF # of shots 6492 6493 3 3 3 Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 5:10 Customer: Joe Di Start Time: 4:12 End Time: 4	TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 169 BHT 43-047-53008 API # 43-047-53008 AFE# Sec. / Twp. / Rng. Company Ultra Petroleum Company Formation Fulid Systems Date Base Fluid, lb/gal Sales Order # Base Fluid, lb/gal Sales Order # Base Side Side Side Side Side Side Side Sid	TOP PERF 6,492 BOTTOM PERF 6,703 MID PERF 6,598 BHT 169 BHT GRAD [*F/100-ft (+60*)] API # 43-047-53008 AFE# Sec. / Twp. / Rng. Company Ultra Petroleum Formation Formation Fluid Systems Date November 27, 2014 Base Fluid, b/gal Base Fluid, b/gal Sales Order # Sec. / Twp. / Rng. Base Fluid, b/gal Base Fluid, b/gal Base Fluid, b/gal Sales Order # Sec. / Total Perfs: 39 Total Perfs: 39 Bottom Perf SPF # of shots End Time: 5:10 PM Customer: Joe Duncan Start Time: 4:12 PM End Time: 5:10 PM Customer: Joe Duncan	

Ultra Petroleum Three Rivers 35-44-720 Frac Reports 1/13/2015 3:16 PM

RECEIVED: Jan. 13, 2015

Stimulation Design Worksheet

. ,	Ultra Petroleum	Three Rivers 3 Zone #3		API 165	43-047-53008 °F						المانيين المانيين	-1-1:si						
Formation Perfs	6255 - 6453	Fluid System:	Temperature taFrac 140 (13		-F						Liquia A	dditives						
Stage	Fluid	Fluid	Prop Conc	Prop	Slurry Vol	Slurry	Treating	Stage	Exposure	WG-36	LoSurf-300D	CLA-Web	B-8614	MX 2-2822	BC-140	Optiflo-HTE	FR-76	SandWedge NT
				Total		Rate	Pressure	Pump Time	Time	Gel	Surfactant	Clay Control	Biocide	Scale Inh.	Crosslinker	Breaker	Frict. Red.	Cond. Enh.
-		(gal)	(ppg)	(lbs)	(bbls)	(bpm)	(psi)	(h:min:sec)	(h:min:sec)	(ppt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(ppt)	(gpt)	(gal/Mlbs)
1	Load & Break	460			11.0	8.0	1799	0:01:22	1:38:16		1.00	0.50	0.20				0.50	
2	15% HCl Acid	1500			35.7	10.0	1524	0:03:35	1:36:54									
3	Pad	8870			211.2	42.5	2218	0:04:58	1:33:18		1.00	0.50	0.20	0.68			0.50	
4	0.5 #/gal 20/40 White	21270	0.50	10560	517.8	60.2	2416	0:08:36	1:28:20		1.00	0.50	0.20	0.68			0.50	
5	Pad	7836			186.6	60.7	2352	0:03:05	1:19:44		1.00	0.50	0.20	0.68			0.50	
6	0.5 #/gal 20/40 White	21245	0.50	10560	517.2	60.5	2500	0:08:33	1:16:40		1.00	0.50	0.20	0.68			0.50	
7	Pad	7879			187.6	60.4	3092	0:03:06	1:08:06		1.00	0.50	0.20	0.68			0.50	
8	0.5 #/gal 20/40 White	11587	0.50	5740	282.1	60.4	2863	0:04:40	1:05:00		1.00	0.50	0.20	0.68			0.50	
9	0.5 #/gal 20/40 White	5040	0.50	2520	122.7	60.3	2809	0:02:02	1:00:20		1.00	0.50	0.20	2.00			0.50	
10	0.5 #/gal 20/40 White	6189	0.19	1180	148.6	34.4	2183	0:04:20	0:58:18	18.00	1.00	0.50	0.20	0.25	1.80	1.00	0.50	
11	Pad	33007			785.9	24.4	1738	0:32:16	0:53:58	18.00	1.00	0.50	0.20	0.25	1.80	1.00		
12	2 #/gal 20/40 White	17719	1.98	35170	459.8	60.2	2822	0:07:39	0:21:42	18.00	1.00	0.50	0.20	0.25	1.80	1.00		
13	4 #/gal 20/40 White	10067	3.99	40120	282.9	59.8	3574	0:04:44	0:14:03	18.00	1.00	0.50	0.20	0.25	1.80	1.00		
14	6 #/gal 20/40 White	10613	3.97	42100	298.0	46.6	3177	0:06:23	0:09:19	18.00	1.00	0.50	0.20		1.80	1.00		1.80
15	Flush (top perf+3 bbls)	6089			145.0	49.5	3457	0:02:56	0:02:56		1.00	0.50	0.20				0.50	
				_						1396.7	167.9	83.9	33.6	80.0	139.7	77.6	48.2	75.8
bbls				147,950	4181.1			U	sed	1520	176	77	31	80	135	78	51	80
35.71429	15% HCI Acid:	1,500	gal					%	diff	9%	5%	-8%	-8%		-3%		6%	6%
2149.431	Slickwater:	90,276	gal	gal Average Rate 4				Pr	rime					40				
1847.5	18# DeltaFrac 140 (11):	<u> </u>						T	otal	1520	176	77	31	120	135	78	51	80
4032.645	Total Fluid:	169,371	gal															
4181.085	Total Slurry:	175,606	gal															4
	20/40 White	147,950	lbs															
	Total Proppant:	147,950	lbs															
		TOP F	PERF	6,255													1	
		BOTTOM	M PERF	6,453						Total Pe	erfs: 39			Start Time:	7:53	AM		
		MID F	PERF	6,354					Top Perf	Bottom Perf	SPF	# of shots		End Time:	9:33	AM		
		BH	łT	165					6255	6256	3	3		Customer:	Joe D	uncan		
		BHT GRAD [°F	/100-ft (+60°)]						6266	6267	3	3						
		API#		43-047-530	08				6280	6281	3	3						
		AFE#							6302	6303	3	3						
	Se	ec. / Twp. / Rng.	S:	:35 / T:7S / R	:20E				6315	6316	3	3						
		Thre	e Rivers 35-	44-720				6351	6352	3	3							
			Ultra Petrole	um				6362	6363	3	3							
								6375	6376	3	3							
		18# Del	ltaFrac 140 (13) Hybrid				6386	6387	3	3							
			ovember 28,					6398	6399	3	3							
	В	Date ase Fluid, lb/gal		8.33					6427	6428	3	3						
			90187107	0				6451	6453	3	6							
	C	ounty and State		Uintah, UT	r e													
			Zone #3			-												

Ultra Petroleum Three Rivers 35-44-720 Frac Reports 1/13/2015 3:16 PM

RECEIVED: Jan. 13, 2015

	Well Name:	Thre	e Rivers	35-44-720	4	Green Rive	er																	
					1								0.00		ID:	-			ı					
	Date, Time & SO: Top & Bottom Perfs:	12/13/14	2:40 AM	901914977							H	4 \ L	. 6-1	Bl	JR.			JΙΝ						
	Nid-Perf:	5935 6070	3:58 AM	6205.0	BHST:	139	°F																	
	ma ren.	0070	0.00 Am		Dilor.	100	•							Liquid Addit	ives					Li	quid Additives			
Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35	CL-22UC	BC 140	Lo-Surf300D	MC MX 2-2822	MC B 8614	CLAWeb	FR-76	andWedgeN	SP	OptiHTE
						Mass	Rate	Rate	Ave	Max	Min	Avg	Max	(Gel)	(Xlinker)	(Xlinker)	(Surfactant)	(Scale)	(Biocide)	(Clay Cont.)	(Fric Red)	Conduct, Enh	(Breaker)	(Fric Red)
		(bbl)			(gal)	(lb)	(bpm)	(bpm)	(psi)	(psi)	(psi)	(PPG)	(PPG)	(ppt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(ppt)	(gpt)
1-1	Pad	12	0:01:59	FR Water	501		6.0	11.0	2331	3046	213						1.00		0.20	0.50	0.50			
1-2	Acid	20	0:01:49	Acid	1000		11.0	15.0	2205	2418	2072													
1-3	Pad	120	0:03:52	FR Water	5035		31.0	40.0	3030	3431	2081						1.00	0.50	0.20	0.50	0.50			
1-4	Proppant Laden Fluid	803	0:14:05	FR Water	32975	15762	57.0			3187	2271	0.48	0.48				1.00	0.50	0.20	0.50	0.50			
1-5	Pad	301	0:05:01	FR Water	12653 32979	45470	60.0	61.0	2630	2667	2275		2 12				1.00	0.50	0.20	0.50	0.70			
1-6	Proppant Laden Fluid Pad	802 302	0:13:22 0:05:02	FR Water FR Water	32979 12676	15170	60.0	67.0 60.0	2528 2574	2584 2607	2412 2522	0.46	0.49				1.00	0.50 0.50	0.20	0.50	0.70			
1-8	Proppant Laden Fluid	568	0:09:28	FR Water	23341	10994	60.0	60.0	2546	2605	2518	0.47	0.50				1.00	0.50	0.20	0.50	0.70			
1-9	Proppant Laden Fluid	122	0.00.00	FR Water	5010	2400	60.0	60.0	2568	2593	2544	0.48	0.50				1.00	2.00	0.20	0.50	0.70			
1-10	Proppant Laden Fluid	130	0:02:10	FR Water	5353	2607	60.0	61.0	2597	2621	2621	0.49	0.50	11.00			1.00	0.25	0.20	0.50	0.70			
1-11	Pad	52	0:00:52	16# Delta 140	2168		60.0	60.0	2668	2719	2621			16.00		1.60	1.00	0.25	0.20	0.50			1.00	1.00
1-12	Proppant Laden Fluid	507	0:08:27	16# Delta 140	19469	39483	60.0	61.0	2562	2781	2484	2.03	2.13	16.00		1.60	1.00	0.25	0.20	0.50			1.00	1.00
1-13	Proppant Laden Fluid	313	0:05:13	16# Delta 140	11126	43870	60.0	60.0	2376	2489	2310	3.94	4.20	16.00		1.60	1.00	0.25	0.20	0.50			1.00	1.00
1-14	Proppant Laden Fluid	103	0:03:59	16# Delta 140	4282	1340	26.0	61.0	1676	2460		0.31	4.27	16.00		1.60	1.00		0.20	0.50		1.80	1.00	1.00
1-15	Flush	140		FR Water	5880																			
Ь					174291.0			l				Cal	culated Amt	651.60	0.00	59.27	167.57	79.66	33.51	83.78	83.66	2.41	37.05	37.05
													Actual Amt	777.00		71.60	162.50	79.30	13.54	81.40	81.20		45.20	45.20
												Perce	ent Variance Strap Amt	19.2% 777.00	0.0%	20.8% 64.50	-3.0% 155.50	0.0%	-59.6% 18.50	-2.8% 83.00	-2.9% 73.00		22.0% 45.00	22.0% 45.00
	Slurry (bbl)	4296	l									Perce	ent Variance	19.2%	0.0%	8.8%	-7.2%		-44.8%	0.0%	-12.7%		21.5%	21.5%
	Pump Time (Min)	1:17:22									Percent Var	iance is rep	orted as 0%	if variance i	is within 1 gallor	١.								
	Clean Fluid (gal) Proppant MB (lb)																							
	Proppant MB (Ib) Proppant Denso (Ib)						(Use weight s	line for holow	(amounte)		Variance		соми	ENTS.	HES Engineer:	Sahrina De	ากว							İ
	Proppant Denso (ID)	133231					AL PROPPAN				0.0%		COMM	LIVI O.		Andy Hutchin								
	,		•			% of Job	Prop	Mesh	Quantity	<u>Units</u>	MB Vari	SS Vari	Dens Vari	SC Vari	Crew:	Red C								
	Avg Rate Avg Corrected Rate		BPM BPM			100%	20/40 White 0	20/40 20/40		Lbs Lbs	-25.7%	4.6%	-24.7%	-100.0%	Equipment runn Xlink samples lo									
	Max Rate		BPM			0%	0	20/40		Lbs					Good iob by Cre									
	Average Prop Con	1.1													3bbl overflush p	er Co Rep								
	Average Pressure Maximum Pressure						lus Pressure lus Pressure	0.0			rage Annulu ge in Annulu													
	BREAKDOWN INFORMATI	ON:						CLEAN STR	REAM:						Increased FR se	etpoint to a .7 i	in stage 5 pe	r co rep. Belt s	stopped on the I	Mountain mover	in S14 dropped	rate, killed sar	ndwedge	
	Base Fluid:	8.34	PPG						UV2 HRs	Transm.%					then came offlin	ie. In stage 14	was only ab	ole to obtain 4#			the 4# sand sta			
	Wellhead Pressure: Broke Back:	224 3040	PSI PSI		4.4	врм		631	631	61					volume was cale	culated and ac	ded into flus	ih.						
	Pressure (Prop at Perfs)	2669	PSI	@		BPM BPM																		
	ISDP:	1820	PSI	@		PSI/FT																		
	Entry Points:	1																						

Entry Points: 1

	Well Name:	Thre	e Rivers	35-44-720	5	Green Rive	er																	
			40.00.488	0040440==	1	-								1.15	TO			9 10 1						
	Date, Time & SO: Top & Bottom Perfs:	12/13/14 5506	10:23 AM	901914977 5771.0	-							\mathbf{L}	-16	UF	RTO									
	Mid-Perf:	5639	11:20 AM	5771.0	BHST:	134	°F																	
				ı										Liquid Additi							iquid Additives			
Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35	CL-22UC	BC 140	Lo-Surf300E	MC MX 2-2822	MC B 8614	CLAWeb	FR-76	andWedgeN	SP	OptiHTE
						Mass	Rate	Rate	Ave	Max	Min	Avg	Max	(Gel)	(Xlinker)	(Xlinker)	(Surfactant)	(Scale)	(Biocide)	(Clay Cont.)	(Fric Red)	Conduct. Enh	(Breaker)	(Fric Red)
	_	(bbl)			(gal)	(lb)	(bpm)	(bpm)	(psi)	(psi)	(psi)	(PPG)	(PPG)	(ppt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(ppt)	(gpt)
2-1	Pad	6	0:01:38	FR Water	238		3.5	10.7	2059	2668	1192						1.00		0.20	0.50	0.50			
2-2	Acid	24		Acid	1000		10.0	13.4	2051	2198	1961													
2-3	Pad	150		FR Water	6306		38.9	59.2	3079	3538	1964						1.00	0.75	0.20	0.50	0.50			
2-4 2-5	Proppant Laden Fluid Pad	562 179		FR Water FR Water	23129 7535	10524	60.2 60.2	60.2 60.2	2534 2507	3432 2539	2454 2478	0.46	0.52				1.00	0.75 0.75	0.20 0.20	0.50 0.50	0.50 0.50			
2-6	Proppant Laden Fluid	562		FR Water	23111	10631	60.1	60.2	2461		2405	0.46	0.49				1.00	0.75	0.20	0.50	0.50			
2-7	Pad	179		FR Water	7526	10001	60.2	60.2	2450	2498	2413	0.10	0.10				1.00	0.75	0.20	0.50	0.50			
2-8	Proppant Laden Fluid	324	0:05:23	FR Water	13361	5451	60.2	60.2	2435	2495	2389	0.41	0.51				1.00	0.75	0.20	0.50	0.50			
2-9	Proppant Laden Fluid	122	0:02:02	FR Water	5028	2469	60.2	60.2	2398	2411	2380	0.49	0.51				1.00	2.00	0.20	0.50	0.50			
2-10	Proppant Laden Fluid	123	0:02:03	FR Water	5071	2414	60.2	60.5	2402	2420	2379	0.48	0.52	7.00			1.00	0.25	0.20	0.50	0.50			
2-11	Pad			16# Delta 140										16.00		1.60	1.00	0.25	0.20	0.50			1.00	1.00
2-12	Proppant Laden Fluid	355		16# Delta 140	13637	27479	60.1	60.5	2288	2414	2227	2.02		16.00		1.60	1.00	0.25	0.20	0.50			1.00	1.00
2-13	Proppant Laden Fluid	219		16# Delta 140	7786	30435	60.2	60.2	2185	2278	2107	3.91		16.00		1.60	1.00	0.25	0.20	0.50			1.00	1.00
2-14	Proppant Laden Fluid	233		16# Delta 140	7869	41572	60.3 60.7 2079 2141 2033 5.28 6.28 16.00 1.60 1.00 0.20 0.50 41.4 60.8 2503 3630 1677 1.00 0.20 0.50 0.50														1.80	1.00	1.00	
2-15	Flush	129	0:03:07	FR Water	5413		41.4	41.4 60.8 2503 3630 1677													0.50			
						1																+		
	1			ı	127010.0	l l				l l	l.	Cal	culated Amt	504.17	0.00	46.87	126.01	77.72	25.20	63.01	48.36	74.83	29.29	29.29
													Actual Amt	501.00		49.00	124.50	76.43	24.95	62.32	48.40	67.44	30.73	30.73
												Perce	ent Variance Strap Amt	-0.6% 501.00	0.0%	4.6% 44.00	-1.2% 118.00	-1.7% 71.00	0.0% 26.00	0.0% 66.00	0.0% 46.00	-9.9% 50.00	4.9% 30.00	4.9% 30.00
	Slurry (bbl)	3169	7									Perce	ent Variance	-0.6%	0.0%	-6.1%	-6.4%	-8.6%	0.0%	4.8%	-4.9%	-33.2%	0.0%	0.0%
	Pump Time (Min)	0:58:33									Percent Var	iance is rep	orted as 0%	if variance i	s within 1 gallo	n.	1							
	Clean Fluid (gal)		4																					
	Proppant MB (lb) Proppant Denso (lb)						(Use weight s	line for helow	amounte)		Variance		COMM	ENTS:	HES Engineer:	Alvaro Me	za I inara							1
	Proppant Denso (ID)	124004	1				AL PROPPAN		124,202		0.0%		COMM	LIVI O.	Co. Rep:	Jeff Scott	za Ligara							
			-			% of Job	Prop	Mesh	Quantity	<u>Units</u>	MB Vari	SS Vari	Dens Vari		Crew:	RED B								
	Avg Rate Avg Corrected Rate		BPM BPM			100%	20/40 White 0	20/40 20/40	124,202 0	Lbs Lbs	5.5%	6.5%	0.5%	-100.0%	Equipment runn Xlink samples lo									
	Avg Corrected Rate Max Rate		BPM			0%	0	20/40		Lbs					Good job by Cre									
	Average Prop Con	1.7	-												3bbl overflush p									
	Average Pressure						us Pressure	1.0			rage Annulu		0.5 -1.0											
	Maximum Pressure	3630.0	PSI			Final Annul	us Pressure	0.0	PSI	Chang	je in Annulu	s Pressure	-1.0	PSI										
	BREAKDOWN INFORMATI		-					CLEAN STR							Good Job									
	Base Fluid: Wellhead Pressure:	8.34	PPG					UV1 HRs 633	UV2 HRs 633	Transm.%														
	Weilnead Pressure: Broke Back:	1196 2532	PSI PSI	a	7.8	ВРМ	l	033	033	12														
	Pressure (Prop at Perfs)	2471	PSI	@	60.2	ВРМ																		
	ISDP:	1903	PSI	@	0.771	PSI/FT																		j

Entry Points: 1

	Well Name:	Three	e Rivers	35-44-720	6	Green Rive	er																	
					1	<u>.</u> '								1.00	1									
	Date, Time & SO: Top & Bottom Perfs:	12/13/14 5312	2:29 PM	901914977 5451.0								∖∟ ∟	-16	UF	RTO		_	JΙΝ						
	Mid-Perf:	5312	3:23 PM	5451.0	BHST:	131	°F																	
		0002	0.20		2	101	•							Liquid Additi	ves						iquid Additives			
Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35	CL-22UC	BC 140	Lo-Surf300E	MC MX 2-2822	MC B 8614	CLAWeb	FR-76	andWedgeN	SP	OptiHTE
						Mass	Rate	Rate	Ave	Max	Min	Avg	Max	(Gel)	(Xlinker)	(Xlinker)	(Surfactant)	(Scale)	(Biocide)	(Clay Cont.)	(Fric Red)	Conduct. Enh	(Breaker)	(Fric Red)
		(bbl)			(gal)	(lb)	(bpm)	(bpm)	(psi)	(psi)	(psi)	(PPG)	(PPG)	(ppt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(gpt)	(ppt)	(gpt)
3-1	Pad	3	0:01:29	FR Water	125		2.0	8.0	1800	2437	1011													
3-2	Acid	24	0:01:58	Acid	1000		12.1	29.5	1524	2031	1296													
3-3	Pad	131	0:02:31	FR Water	5500		52.2	60.3	3041	3482	2031						1.00	0.79	0.20	0.50	0.50			
3-4	Proppant Laden Fluid	541	0:08:57	FR Water	22277	9936	60.5	60.6	2071	2836	1986	0.45	0.49				1.00	0.79	0.20	0.50	0.50			
3-5 3-6	Pad Proppant Laden Fluid	169 542		FR Water FR Water	7095 22311	9549	60.5 60.5	60.5 60.5	2044 2064	2083 2116	2004 2031	0.43	0.46				1.00	0.79 0.79	0.20	0.50	0.50 0.50			
3-7	Pad Pad	169		FR Water	7112	9349	60.5	60.5	2150	2116	2105	0.43	0.46				1.00	0.79	0.20	0.50	0.50			
3-8	Proppant Laden Fluid	305	0:05:02	FR Water	12552	5309	60.5	60.5	2148	2194	2120	0.42	0.46				1.00	0.79	0.20	0.50	0.50			
3-9	Proppant Laden Fluid	122	0:02:01	FR Water	5008	2234	60.4	60.5	2156	2178	2130	0.45	0.46				1.00	2.00	0.20	0.50	0.50			
3-10	Proppant Laden Fluid	121	0:02:00	FR Water	4964	2269	60.5	60.7	2169	2184	2156	0.46	0.50	10.00		0.50	1.00	0.25	0.20	0.50	0.50		0.30	0.30
3-11	Pad			16# Delta 140										16.00		1.60	1.00	0.25	0.20	0.50			1.00	1.00
3-12	Proppant Laden Fluid	343	0:05:41	16# Delta 140	13203	26287	60.4	60.7	1976	2161	1908	1.99	2.22	16.00		1.60	1.00	0.25	0.20	0.50			1.00	1.00
3-13	Proppant Laden Fluid	211	0:03:31	16# Delta 140	7499	29419	59.9	60.4	1822	1927	1730	3.92	4.10	16.00		1.60	1.00	0.25	0.20	0.50			1.00	1.00
3-14	Proppant Laden Fluid	231	0:03:53	16# Delta 140	7822	40706	59.7	60.8	1684	1751	1631	5.20	6.19	16.00		1.60	1.00		0.20	0.50		1.80	1.00	1.00
3-15	Flush	119	0:03:05	FR Water	4993		38.5	60.9	1865	2950	1275						1.00		0.20	0.50	0.50			
																	-							
																				1				
	1				121461.0	l l	l l					Cal	culated Amt	506.02	0.00	48.12	120.34	77.00	24.07	60.17	45.91	73.27	30.01	30.01
												_	Actual Amt	523.00		47.30	120.00	76.70	24.10	60.10	46.20	66.80	29.80	29.80
			Percent Variance 3.4 Strap Amt										0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-8.8%	0.0%	0.0%		
	Slurry (bbl)		Percent Variance															1						
	Pump Time (Min) 0:54:40 Percent Variance is reported as 0									orted as 0%	if variance is	s within 1 gallor	n.											
	Clean Fluid (gal) Proppant MB (lb)	121461 125708																						
	Proppant Denso (Ib)				(I Ise weight s	lins for helow	amounts)		Variance		COMM	ENTS:	HES Engineer:	Chelsev H	luahes							1		
	Proppant Denso (Ib) 119263 (Use weight slips for below amounts) Variance COMMENTS: **TOTAL PROPPANT PUMPED: 119,599 Lbs 0.0%**												Co. Rep: Jeff Scott											
	<u> </u>												Crew:	RED B										
	Avg Rate 50.6 BPM 100% 20/40 White 20/40 White 119,599 Lbs 5.1% 8.1% -0.3% -100.0 Avg Corrected Rate 54.3 BPM 0% 0 20/40 0 Lbs											-100.0%	Equipment runn Xlink samples lo											
	Max Rate													Good job by Crew										
	Average Prop Con 1.7 Average Pressure 20367 [PSI Inital Annulus Pressure 0.0 [PSI Average Annulus Pressure 0.0 [PSI										DO:													
	Average Pressure 2036.7 PSI Inital Annulus Pressure 0.0 PSI Average Annulus Pressure 0.0 PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Change in Annulus PSI Chan																							
	BREAKDOWN INFORMATION: CLEAN STREAM:											0												
	Base Fluid: Wellhead Pressure:	8.34 1011	PPG PSI	UV1 HRS UV2 HRS Transm.% 0 0 0																				
	Broke Back: 2437 PSI @ 2.2 BPM																							
	Pressure (Prop at Perfs) 1990 PSI @ 60.6 BPM																							
	ISDP:	1403	PSI	@	0.694	PSI/FT																		J